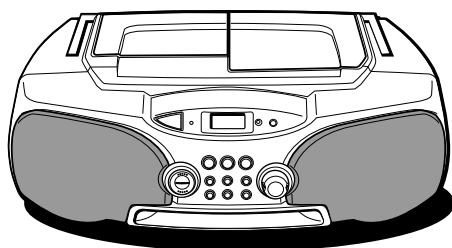


CSD-FD79

U(ST)

CSD-FD77

C(ST)



SERVICE MANUAL

CD STEREO RADIO
CASSETTE RECORDER

BASIC TAPE MECHANISM: AZM-6 YR3NC
BASIC CD MECHANISM: KSM-213 RDM

aiwa

S/M Code No. 09-027-456-2R4

SPECIFICATIONS - 1/1

Tuner section

Frequency range, antenna – FM: 87.5 - 108.0 MHz
Rod antenna, AM: 530/531 - 1,710/1,602 kHz (10/9 kHz
step) Ferrite bar antenna

Deck section

Track format – 4 tracks, 2 channels / Frequency range
– Normal tape: 50 - 12,500 Hz (EIAJ) / Recording
system – AC bias / Erasing system – AC erase / Heads
– Recording/playback head (1), Erasure head (1)

CD player section

Disc – Compact disc / Scanning method – Non-contact
optical scanner (semiconductor laser)

General

Speaker – 100 mm cone type (2), 36 mm cone type (2)
/ Output – Headphones jack (stereo mini-jack) / Power
output – 2.5 W + 2.5 W
(EIAJ, 7 ohms, THD 10% DC). / Power requirements –
DC 12 V using eight size C (R14) batteries, AC 120 V,
60 Hz / Power consumption - 16 W. / Dimensions
(W × H × D) – 464.7 × 186 × 314.3 mm
(18³/₈ × 7³/₈ × 12³/₈ in.) / Weight (excluding batteries) –
3.9 kg (8 lbs. 10 oz.).

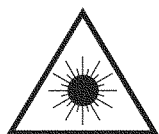
- Design and specifications are subject to change without notice.

PROTECTION OF EYES FROM LASER BEAM DURING SERVICING - 1/1

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

WARNING!!

WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

VAROITUS!

Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saattaa altistaa käyttäjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

WARNING!

Om apparaten används på annat sätt än vad som specificeras i denna bruksanvisning, kan användaren utsättas för osynlig laserstrålning, som överskrider gränsen för laserklass 1.

CAUTION

Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

ATTENTION

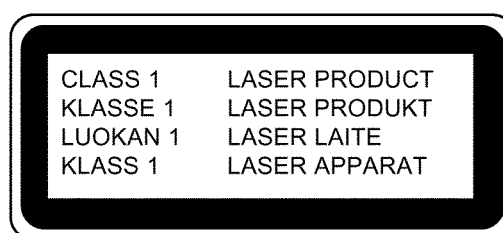
L'utilisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

ADVARSEL

Usynlig laserstråling ved åbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product.

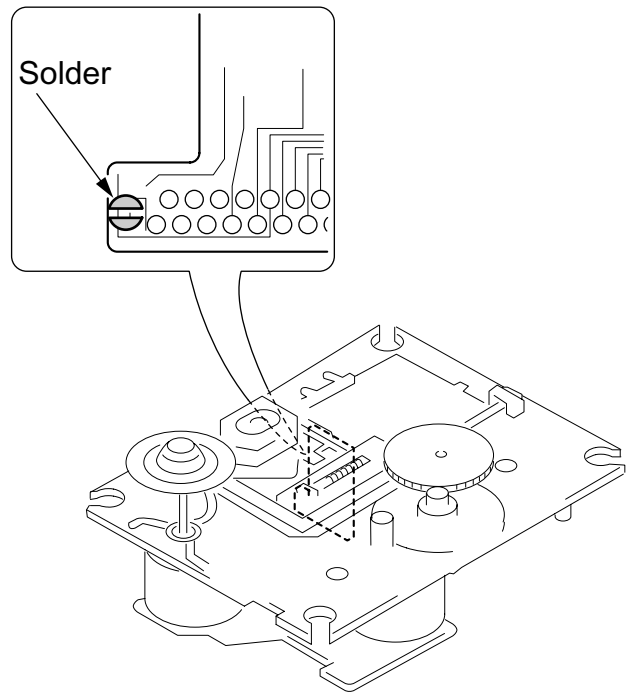
The CLASS 1 LASER PRODUCT label is located on the rear exterior.



PRECAUTION TO REPALCE OPTICAL BLOCK (KSM-213 RDM) - 1/1

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

- 1) After the connection, remove solder shown in the right figure.



! = SAFETY PARTS

C = Components marked

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

						CSD-FD77 CSTC	CSD-FD79 USTC
!	0 AS1001	87-A80-183-010	AC	CORD ASSY,KE01P/KE04	BLK U	a	b
	0 AS1002	8C-CHE-951-010	RC	UNIT,RC-CAT1		.	b
	0 AS1003	8C-CHE-903-110	IB,U/C(ESF)FM	CSD-FD89/79/77		a	b

ELECTRICAL PARTS LIST - 1/12 (CSD-FD79/77) - 1/10

! =  SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL		
						CSD-FD77 CSTC	CSD-FD79 USTC	
FRONT		O	C	0151	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
FRONT		O	C	0152	87-A12-063-080	CAP,E 220-10 SMG	a	b
FRONT		O	C	0153	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
FRONT		O	C	0501	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a	b
FRONT		O	C	0503	87-010-982-040	CAP,E 33-25 M 5L SRE	a	b
FRONT		O	C	0600	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
FRONT		O	C	0601	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
FRONT		O	C	0602	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
FRONT		O	C	0603	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
FRONT		O	C	0604	87-A12-062-080	CAP,E 100-10 SMG	a	b
FRONT		O	C	0605	87-010-405-080	CAP,E 10-50 M 11L SME	.	b
FRONT		O	C	0606	87-012-274-080	C-CAP,U 1000P-50 K B GRM	.	b
FRONT		O	C	0608	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
FRONT		O	C	0651	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
FRONT		O	C	0656	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
FRONT		O	C	0661	87-010-550-040	CAP,E 100-6.3 M 5L SRE	a	b
FRONT		O	C	0663	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a	b
FRONT		O	C	0664	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
FRONT		O	C	0665	87-A10-047-080	C-CAP,U 1-10 Z F	a	b
FRONT		O	C	0666	87-010-401-040	CAP,E 1-50 M 11L SME	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
FRONT		O	C	0667	87-018-150-080	CAP,TC U 18P-50 J CH UP050	a	b
FRONT		O	C	0668	87-A11-073-080	CAP,TC U 22P-50 J CH	a	b
FRONT		O	C	0669	87-A11-078-080	CAP,TC U 39P-50 J CH	a	b
FRONT		O	C	0670	87-018-149-080	CAP,TC U 15P-50 J CH UP050	a	b
FRONT		O	C	0671	87-A11-078-080	CAP,TC U 39P-50 J CH	a	b
FRONT		O	C	0672	87-010-549-040	CAP,E 47-6.3 M 5L SRE	a	b
FRONT		O	C	0673	87-A10-189-040	CAP,E 220-10 M 5L	a	b
FRONT		O	C	0674	87-010-831-080	C-CAP,U 0.1-16 Z F GRM	a	b
FRONT		O	C	0676	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
FRONT		O	C	0677	87-A12-686-040	CAP,E 2.2-50 M 5L R85S5	a	b
FRONT		O	C	0678	87-A12-686-040	CAP,E 2.2-50 M 5L R85S5	a	b
FRONT		O	C	0679	87-A12-683-040	CAP,E 0.47-50 M 5L R85S5	a	b
FRONT		O	CN	0501	87-A60-080-010	CONN,07P H 9604S-07F	a	b
FRONT		O	CN	0601	87-099-755-010	CONN,14P H 9604	a	b
FRONT		O	CN	0602	87-099-755-010	CONN,14P H 9604	a	b
FRONT		O	CNA	0601	8C-CHE-655-010	CONN ASSY,4P FR-TUNER	a	b
FRONT		S	D	0151	87-001-731-080	ZENER,HZS6C2L	a	b
FRONT		S	D	0501	87-070-345-080	DIODE,1N4148	a	b
FRONT		S	D	0502	87-070-345-080	DIODE,1N4148	a	b
FRONT		S	D	0602	87-001-936-080	ZENER,HZS7A3L	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
FRONT		O	D	0603	8A-CDA-645-010	LED,6224-10ID RED	a	b
FRONT		S	D	0604	87-070-345-080	DIODE,1N4148	.	b
FRONT		S	D	0605	87-070-345-080	DIODE,1N4148	.	b
FRONT		O	D	0606	8B-CH8-625-010	LED, UMB	a	b
FRONT		S	D	0653	87-070-345-080	DIODE,1N4148	a	b
FRONT		S	D	0656	87-017-148-080	ZENER,HZS6A1L	a	b
FRONT		X	D	0657	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
FRONT		S	D	0658	87-A40-530-080	DIODE,RB721Q-40	a	b
FRONT		S	D	0659	87-A40-530-080	DIODE,RB721Q-40	a	b
FRONT		S	D	0660	87-070-345-080	DIODE,1N4148	a	b
FRONT		S	D	0661	87-070-345-080	DIODE,1N4148	a	b
FRONT		O	FFC	0003	8C-CHE-651-010	FF-CABLE,7P 1.25 FR-TAPE	a	b
FRONT		S	IC	0601	87-A20-911-010	IC,RPM6938	.	b
FRONT		S	IC	0651	8C-CHE-631-030	C-IC,LC867132V-5Z39	a	b
FRONT		X	JR	0602	88-129-000-080	C-JUMPER, 3216	a	b
FRONT		X	JR	0603	88-129-000-080	C-JUMPER, 3216	a	b
FRONT		X	JR	0604	88-129-000-080	C-JUMPER, 3216	a	b
FRONT		X	JR	0605	88-129-000-080	C-JUMPER, 3216	a	b
FRONT		X	JR	0606	88-108-000-080	C-JUMPER,U	a	b
FRONT		X	JR	0607	88-129-000-080	C-JUMPER, 3216	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
FRONT		X	JR	0608	88-108-000-080	C-JUMPER,U	a	b
FRONT		X	JR	0609	88-129-000-080	C-JUMPER, 3216	a	b
FRONT		X	JR	0610	88-129-000-080	C-JUMPER, 3216	a	b
FRONT	!	O	JW	0617	87-029-125-010	RES,FUSE 1-1/4W J	a	b
FRONT		O	L	0600	87-003-097-080	COIL,1.0UH K LAL02	a	b
FRONT		O	L	0651	87-003-097-080	COIL,1.0UH K LAL02	.	b
FRONT		O	L	0652	87-003-097-080	COIL,1.0UH K LAL02	a	b
FRONT		X	L	0653	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
FRONT		O	LCD	0601	8C-CHE-635-110	LCD,CCH-E/ADAMANT	a	b
FRONT		S	Q	0151	87-A30-630-080	TR,2SC5343GL	a	b
FRONT		S	Q	0501	87-A30-427-040	C-TR,DTC114EKA	a	b
FRONT		S	Q	0502	89-112-965-080	TR,2SA1296GR	a	b
FRONT		S	Q	0503	87-A30-273-040	C-TR,DTC124EKA	a	b
FRONT		S	Q	0504	89-109-521-080	TR,2SA952K	a	b
FRONT		S	Q	0601	87-026-462-080	TR,2SC1740SRS	a	b
FRONT		S	Q	0602	87-A30-432-040	C-TR,DTC124XKA	.	b
FRONT		S	Q	0603	87-A30-468-080	C-TR,KRC102S-RTK	a	b
FRONT		S	Q	0604	87-A30-432-040	C-TR,DTC124XKA	a	b
FRONT		S	Q	0605	87-A30-432-040	C-TR,DTC124XKA	a	b
FRONT		S	Q	0651	87-A30-432-040	C-TR,DTC124XKA	a	b

ELECTRICAL PARTS LIST - 2/12 (CSD-FD79/77) - 2/10

! =  SAFTY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
					CSD-FD77 CSTC	CSD-FD79 USTC
FRONT	S Q	0652	87-A30-216-080	TR, 2SA933AS(R)	a	b
FRONT	S Q	0653	87-A30-432-040	C-TR, DTC124XKA	a	b
FRONT	X R	0151	88-130-220-080	RES, 22-1/4W J	a	b
FRONT	X R	0152	88-108-682-080	C-RES, U 6.8K-1/16W J	a	b
FRONT	X R	0501	88-108-122-080	C-RES, U 1.2K-1/16W J	a	b
FRONT	O R	0502	88-108-103-080	C-RES, U 10K-1/16W J	a	b
FRONT	O R	0503	88-108-223-080	C-RES, U 22K-1/16W J	a	b
FRONT	X R	0504	88-108-222-080	C-RES, U 2.2K-1/16W J	a	b
FRONT	X R	0505	88-108-683-080	C-RES, U 68K-1/16W J	a	b
FRONT	X R	0506	88-121-154-080	RES, 150K-1/8W J	a	b
FRONT	O R	0508	88-108-153-080	C-RES, U 15K-1/16W J	a	b
FRONT	O R	0601	88-108-103-080	C-RES, U 10K-1/16W J	a	b
FRONT	O R	0602	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	X R	0603	88-108-821-080	C-RES, U 820-1/16W J	a	b
FRONT	O R	0604	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	X R	0605	88-108-122-080	C-RES, U 1.2K-1/16W J	a	b
FRONT	X R	0606	88-108-122-080	C-RES, U 1.2K-1/16W J	a	b
FRONT	X R	0607	88-108-152-080	C-RES, U 1.5K-1/16W J	a	b
FRONT	X R	0608	88-108-182-080	C-RES, U 1.8K-1/16W J	a	b
FRONT	X R	0609	88-108-222-080	C-RES, U 2.2K-1/16W J	a	b
					CSD-FD77 CSTC	CSD-FD79 USTC
FRONT	O R	0610	88-108-103-080	C-RES, U 10K-1/16W J	a	b
FRONT	O R	0611	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	X R	0612	88-108-821-080	C-RES, U 820-1/16W J	a	b
FRONT	O R	0613	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	X R	0614	88-108-122-080	C-RES, U 1.2K-1/16W J	a	b
FRONT	X R	0615	88-108-122-080	C-RES, U 1.2K-1/16W J	a	b
FRONT	X R	0616	88-108-100-080	C-RES, U 10-1/16W J	a	b
FRONT	X R	0617	88-108-100-080	C-RES, U 10-1/16W J	a	b
FRONT	O R	0620	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	X R	0621	88-108-392-080	C-RES, U 3.9K-1/16W J	a	b
FRONT	O R	0622	88-108-103-080	C-RES, U 10K-1/16W J	a	b
FRONT	X R	0623	88-108-152-080	C-RES, U 1.5K-1/16W J	a	b
FRONT	X R	0624	88-121-221-080	RES, 220-1/8W J	.	b
FRONT	X R	0626	88-121-221-080	RES, 220-1/8W J	a	b
FRONT	X R	0627	88-121-473-080	RES, 47K-1/8W J	a	b
FRONT	O R	0628	88-108-103-080	C-RES, U 10K-1/16W J	a	b
FRONT	X R	0631	88-121-104-080	RES, 100K-1/8W J	a	.
FRONT	X R	0641	88-121-229-080	RES, 2.2-1/8W J	a	b
FRONT	X R	0642	88-121-229-080	RES, 2.2-1/8W J	a	b
FRONT	X R	0643	88-121-274-080	RES, 270K-1/8W J	a	b
					CSD-FD77 CSTC	CSD-FD79 USTC
FRONT	X R	0644	88-121-274-080	RES, 270K-1/8W J	a	b
FRONT	O R	0645	88-108-473-080	C-RES, U 47K-1/16W J	a	b
FRONT	O R	0646	88-108-103-080	C-RES, U 10K-1/16W J	a	b
FRONT	X R	0647	88-108-333-080	C-RES, U 33K-1/16W J	a	b
FRONT	X R	0648	88-108-334-080	C-RES, U 330K-1/16W J	a	b
FRONT	O R	0651	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0652	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0653	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0654	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0655	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0656	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0657	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0658	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0659	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0660	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0661	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0662	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0663	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0664	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	O R	0665	88-108-101-080	C-RES, U 100-1/16W J	a	b
					CSD-FD77 CSTC	CSD-FD79 USTC
FRONT	O R	0666	88-108-101-080	C-RES, U 100-1/16W J	a	b
FRONT	X R	0668	88-108-104-080	C-RES, U 100K-1/16W J	a	b
FRONT	X R	0669	88-121-102-080	RES, 1K-1/8W J	a	b
FRONT	X R	0671	88-121-102-080	RES, 1K-1/8W J	a	b
FRONT	O R	0672	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	O R	0673	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	X R	0674	88-121-102-080	RES, 1K-1/8W J	a	b
FRONT	X R	0675	88-121-102-080	RES, 1K-1/8W J	a	b
FRONT	X R	0676	88-121-102-080	RES, 1K-1/8W J	a	b
FRONT	O R	0677	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	O R	0678	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	O R	0679	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	O R	0680	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	X R	0681	88-121-102-080	RES, 1K-1/8W J	a	b
FRONT	O R	0682	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	O R	0683	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	O R	0684	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	O R	0685	88-108-102-080	C-RES, U 1K-1/16W J	a	b
FRONT	X R	0687	88-121-100-080	RES, 10-1/8W J	a	b
FRONT	X R	0688	88-108-104-080	C-RES, U 100K-1/16W J	a	b

ELECTRICAL PARTS LIST - 3/12 (CSD-FD79/77) - 3/10

! =  SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
						CSD-FD77 CSTC	CSD-FD79 USTC
FRONT		O R	0689	88-108-332-080	C-RES,U 3.3K-1/16W J	a	b
FRONT		X R	0690	88-108-152-080	C-RES,U 1.5K-1/16W J	a	b
FRONT		O R	0691	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		X R	0692	88-108-100-080	C-RES,U 10-1/16W J	a	b
FRONT		X R	0693	88-108-104-080	C-RES,U 100K-1/16W J	a	b
FRONT		O R	0694	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		O R	0695	88-108-102-080	C-RES,U 1K-1/16W J	a	b
FRONT		O R	0696	88-108-101-080	C-RES,U 100-1/16W J	a	b
FRONT		O R	0697	88-108-101-080	C-RES,U 100-1/16W J	a	b
FRONT		O R	0698	88-108-101-080	C-RES,U 100-1/16W J	a	b
FRONT		O R	0699	88-108-101-080	C-RES,U 100-1/16W J	a	b
FRONT		O S	0601	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0602	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0603	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0604	87-036-385-010	SW,TACT SKHHLM	a	b
FRONT		O S	0605	87-036-385-010	SW,TACT SKHHLM	a	b
FRONT		O S	0606	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0607	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0608	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0609	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0610	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0611	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0612	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0613	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0614	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O S	0615	87-A91-704-080	SW,TACT EVQ 214 05R	a	b
FRONT		O X	0651	87-030-364-010	VIB,XTAL 32.768KHZ CFS-308 CT	a	b
FRONT		O X	0652	87-A70-070-080	VIB,CER 5.76MHZ CRHF	a	b
MAIN		O C	0105	87-010-405-080	CAP,E 10-50 M 11L SME	a	b
MAIN		O C	0106	87-010-404-080	CAP,E 4.7-50 M 11L SME	a	b
MAIN		O C	0107	87-010-265-080	CAP,E 33-16 M 11L SME	a	b
MAIN		O C	0108	87-010-401-080	CAP,E 1-50 M 11L SME	a	b
MAIN		O C	0109	87-016-459-080	CAP,E 470-10 M SMG	a	b
MAIN		O C	0110	87-A12-777-090	CAP,E 3300-25 M 85 SKR	a	b
MAIN		O C	0111	87-010-401-080	CAP,E 1-50 M 11L SME	a	b
MAIN		O C	0211	87-010-400-080	CAP,E 0.47-50 M 11L SME	a	b
MAIN		O C	0211	87-010-400-080	CAP,E 0.47-50 M 11L SME	.	b
MAIN		O C	0212	87-010-400-080	CAP,E 0.47-50 M 11L SME	a	b
MAIN		O C	0212	87-010-400-080	CAP,E 0.47-50 M 11L SME	.	b
MAIN		X C	0231	88-700-700-010	CAP,M 3300P-50 J AMZV	a	b
MAIN		X C	0232	88-700-700-010	CAP,M 3300P-50 J AMZV	a	b
MAIN		O C	0233	87-010-545-080	CAP,E 0.22-50 M 11L SME	a	b
MAIN		O C	0234	87-010-545-080	CAP,E 0.22-50 M 11L SME	a	b
MAIN		O C	0235	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
MAIN		O C	0236	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
MAIN		O C	0237	87-010-375-080	CAP,E 330-10 M 11L SME	a	b
MAIN		O C	0238	87-010-375-080	CAP,E 330-10 M 11L SME	a	b
MAIN		O C	0241	87-010-400-080	CAP,E 0.47-50 M 11L SME	a	b
MAIN		O C	0242	87-010-400-080	CAP,E 0.47-50 M 11L SME	a	b
MAIN		O C	0243	87-010-401-080	CAP,E 1-50 M 11L SME	a	b
MAIN		O C	0244	87-010-401-080	CAP,E 1-50 M 11L SME	a	b
MAIN		O C	0255	87-010-404-080	CAP,E 4.7-50 M 11L SME	a	b
MAIN		O C	0263	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O C	0264	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O C	0265	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O C	0266	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O C	0267	87-016-251-080	CAP,E 220-16 M SMG	a	b
MAIN		O C	0268	87-016-251-080	CAP,E 220-16 M SMG	a	b
MAIN		O C	0271	87-A12-068-080	CAP,E 470-16 SMG	a	b
MAIN		O C	0272	87-A12-068-080	CAP,E 470-16 SMG	a	b
MAIN		O C	0273	87-A11-012-080	CAP,M 0.15-50 J DE	a	b
MAIN		O C	0274	87-A11-012-080	CAP,M 0.15-50 J DE	a	b
MAIN		O C	0278	87-010-385-080	CAP,E 220-25 M SME	a	b
MAIN		O C	0279	87-A12-068-080	CAP,E 470-16 SMG	a	b
MAIN		O C	0281	87-010-402-080	CAP,E 2.2-50 M 11L SME	a	b
MAIN		O C	0282	87-010-402-080	CAP,E 2.2-50 M 11L SME	a	b
MAIN		O C	0289	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a	b
MAIN		O C	0290	87-012-199-080	C-CAP,U 220P-50 J CH GRM	a	b
MAIN		O C	0301	87-012-275-080	C-CAP,U 1200P-50 K B GRM	a	b
MAIN		O C	0302	87-012-275-080	C-CAP,U 1200P-50 K B GRM	a	b
MAIN		O C	0305	87-010-375-080	CAP,E 330-10 M 11L SME	a	b
MAIN		O C	0306	87-010-375-080	CAP,E 330-10 M 11L SME	a	b
MAIN		O C	0307	87-A11-228-080	C-CAP,U 0.027-25 K B	a	b
MAIN		O C	0308	87-A11-228-080	C-CAP,U 0.027-25 K B	a	b
MAIN		O C	0311	87-010-546-080	CAP,E 0.33-50 M 11L SME	a	b
MAIN		O C	0312	87-010-546-080	CAP,E 0.33-50 M 11L SME	a	b
MAIN		O C	0313	87-012-283-080	C-CAP,U 5600P-50 K B GRM	a	b
MAIN		O C	0314	87-012-283-080	C-CAP,U 5600P-50 K B GRM	a	b
MAIN		O C	0321	87-018-205-080	CAP,TC U 0.022-25 Z F TP	a	b
MAIN		O C	0323	87-012-271-080	C-CAP,U 560P-50 K B GRM	a	b

ELECTRICAL PARTS LIST - 4/12 (CSD-FD79/77) - 4/10

! =  SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL		
						CSD-FD77 CSTC	CSD-FD79 USTC	
MAIN		O	C	0324	87-012-271-080	C-CAP,U 560P-50 K B GRM	a	b
MAIN		O	C	0331	87-018-126-080	CAP,TC U 390P-50 K B UP050	a	b
MAIN		O	C	0332	87-018-126-080	CAP,TC U 390P-50 K B UP050	a	b
MAIN		O	C	0333	87-012-275-080	C-CAP,U 1200P-50 K B GRM	a	b
MAIN		O	C	0334	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a	b
MAIN		X	C	0335	88-700-730-810	CAP,M 5600P-50 J AMZV	a	b
MAIN		O	C	0336	87-018-134-080	CAP,TC U 0.01-16 N Y UP050	a	b
MAIN		O	C	0337	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a	b
MAIN		O	C	0338	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a	b
MAIN		O	C	0339	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a	b
MAIN		O	C	0340	87-A12-691-040	CAP,E 22-16 M 5L R85S5	a	b
MAIN		O	C	0345	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O	C	0346	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O	C	0347	87-010-374-080	CAP,E 47-10 M 11L SME	a	b
MAIN		O	C	0348	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O	C	0350	87-012-275-080	C-CAP,U 1200P-50 K B GRM	a	b
MAIN		O	C	0351	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a	b
MAIN		O	C	0355	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a	b
MAIN		O	C	0356	87-012-279-080	C-CAP,U 2700P-50 K B GRM	a	b
MAIN		O	C	0357	87-010-784-080	C-CAP,U 0.012-25 K B GRM	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
MAIN		O	C	0358	87-010-784-080	C-CAP,U 0.012-25 K B GRM	a	b
MAIN		O	C	0363	87-010-401-080	CAP,E 1-50 M 11L SME	a	b
MAIN		O	C	0364	87-010-401-080	CAP,E 1-50 M 11L SME	a	b
MAIN		O	C	0367	87-012-196-080	C-CAP,U 120P-50 J CH GRM	a	b
MAIN		O	C	0368	87-012-196-080	C-CAP,U 120P-50 J CH GRM	a	b
MAIN		O	C	0401	87-A11-132-080	CAP,TC U 0.01-50 K B	a	b
MAIN		O	C	0402	87-A12-064-080	CAP,E 1000-10 SMG	a	b
MAIN		O	C	0404	87-012-172-080	C-CAP,U 10P-50 D CH GRM	a	b
MAIN		O	C	0405	87-012-169-080	C-CAP,U 7P-50 D CH GRM	a	b
MAIN		X	C	0406	88-108-000-080	C-JUMPER,U	a	b
MAIN		O	C	0407	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0408	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0409	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0410	87-010-260-080	CAP,E 47-25 M 11L SME	a	b
MAIN		O	C	0411	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0412	87-010-405-080	CAP,E 10-50 M 11L SME	a	b
MAIN		O	C	0413	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0414	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0415	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0416	87-010-403-080	CAP,E 3.3-50 M 11L SME	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
MAIN		O	C	0417	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0418	87-A10-504-080	C-CAP,U 0.047-16 K B	a	b
MAIN		O	C	0419	87-010-403-080	CAP,E 3.3-50 M 11L SME	a	b
MAIN		O	C	0420	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0421	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0422	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0423	87-A10-504-080	C-CAP,U 0.047-16 K B	a	b
MAIN		O	C	0424	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0425	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a	b
MAIN		O	C	0426	87-012-282-080	C-CAP,U 4700P-50 K B GRM	a	b
MAIN		O	C	0427	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0428	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0429	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0430	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0431	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0432	87-010-405-080	CAP,E 10-50 M 11L SME	a	b
MAIN		O	C	0433	87-010-545-080	CAP,E 0.22-50 M 11L SME	a	b
MAIN		O	C	0434	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a	b
MAIN		O	C	0435	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0436	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
MAIN		O	C	0437	87-010-405-080	CAP,E 10-50 M 11L SME	a	b
MAIN		O	C	0438	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
MAIN		O	C	0439	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0440	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0441	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0442	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0443	87-010-376-090	CAP,E 2200-10 M SME	a	b
MAIN		O	C	0444	87-A11-148-080	CAP,TC U 0.1-50 Z F	a	b
MAIN		O	C	0445	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O	C	0446	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0451	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C	0452	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C	0453	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C	0454	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C	0455	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C	0456	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
MAIN		O	C	0457	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
MAIN		O	C	0458	87-010-405-080	CAP,E 10-50 M 11L SME	a	b
MAIN		O	C	0459	87-010-405-080	CAP,E 10-50 M 11L SME	a	b
MAIN		O	C	0470	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b

ELECTRICAL PARTS LIST - 5/12 (CSD-FD79/77) - 5 /10

! =  SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME		! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		O C	0471	87-A11-088-080	CAP,TC U 100P-50 J CH	a	b
MAIN		O C	0473	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O C	0474	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O C	0475	87-010-759-080	C-CAP,U 0.1-25 Z F CM/CB	a	b
MAIN		O C	0476	87-012-278-080	C-CAP,U 2200P-50 K B GRM	a	b
MAIN		O CN	0101	87-049-919-010	CONN,3P V WHT EH	a	b
MAIN		O CN	0203	87-049-469-010	CONN,4P V WHT EH	a	b
MAIN		O CN	0302	87-099-832-010	CONN,8P V S2M-8W	a	b
MAIN		O CN	0401	87-A60-424-010	CONN,16P V TOC-B	a	b
MAIN		O CN	0402	87-A60-619-010	CONN,2P V 2MM JMT	a	b
MAIN		O CN	0801	87-A60-054-010	CONN,14P V 9604S-14C	a	b
MAIN		O CN	0802	87-A60-054-010	CONN,14P V 9604S-14C	a	b
MAIN		O CNA0102	8C-CHE-659-010	CONN ASSY,7P MAIN-TU	a	b	
MAIN		O CNA0203	8C-CHE-666-010	CONN ASSY,4P MAIN-SPL/R	a	b	
MAIN		O CNA0302	8C-CHE-658-010	CONN ASSY,8P MAIN-TAPE	a	b	
MAIN		O CNA0401	8C-CHE-656-010	CONN ASSY,6P CD-CDMECHA	a	b	
MAIN		O CNA0402	8C-CHE-657-010	CONN ASSY,2P CD-DOORSW	a	b	
MAIN		S D	0106	87-070-345-080	DIODE,1N4148	a	b
MAIN		S D	0107	87-070-345-080	DIODE,1N4148	a	b
MAIN		S D	0108	87-020-465-080	DIODE,1SS133	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		S D	0109	87-020-465-080	DIODE,1SS133	a	b
MAIN		S D	0110	87-017-162-080	ZENER,HZS7C3L	a	b
MAIN		S D	0401	87-020-465-080	DIODE,1SS133	a	b
MAIN		S D	0403	87-A40-743-080	ZENER,UZ4.3BSA	a	b
MAIN		S D	0404	87-A40-747-080	ZENER,UZ5.1BSB	a	b
MAIN		O FFC0001	8C-CHE-652-010	FF-CABLE,14P 1.25 FR-MAIN1	a	b	
MAIN		O FFC0002	8C-CHE-653-010	FF-CABLE,14P 1.25 FR-MAIN2	a	b	
MAIN		O FFC0004	8C-CHE-654-010	FF-CABLE,16P 1.0 CD-PU	a	b	
MAIN		S IC	0202	87-A21-193-010	IC,TA8227P	a	b
MAIN		S IC	0203	87-A22-236-040	C-IC,BD3881FV	a	b
MAIN		S IC	0401	87-A22-242-030	C-IC,LC78646E	a	b
MAIN		S IC	0402	87-A22-115-010	C-IC,MM1469PH	a	b
MAIN		O J	0201	8C-NF8-680-010	JACK,CKX-3.5-25 ST W/O SW	a	b
MAIN		X JR	0301	88-108-000-080	C-JUMPER,U	a	b
MAIN		X JR	0302	88-108-000-080	C-JUMPER,U	a	b
MAIN		X JR	0303	88-108-000-080	C-JUMPER,U	a	b
MAIN		X JR	0308	88-108-000-080	C-JUMPER,U	a	b
MAIN		X JR	0401	88-108-000-080	C-JUMPER,U	a	b
MAIN		X JR	0403	88-108-000-080	C-JUMPER,U	a	b
MAIN		X JR	0422	88-108-000-080	C-JUMPER,U	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		X JR	0433	88-108-000-080	C-JUMPER,U	a	b
MAIN		X JR	0434	88-108-000-080	C-JUMPER,U	a	b
MAIN		X JR	0601	88-129-000-080	C-JUMPER, 3216	a	b
MAIN		O L	0101	87-003-097-080	COIL,1.0UH K LAL02	a	b
MAIN		O L	0102	87-003-097-080	COIL,1.0UH K LAL02	a	b
MAIN		X L	0301	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
MAIN		O L	0331	87-007-342-010	COIL,OSC 85KHZ BIAS	a	b
MAIN		O L	0410	87-003-097-080	COIL,1.0UH K LAL02	a	.
MAIN		S Q	0101	89-213-702-010	TR,2SB1370E	a	b
MAIN		S Q	0102	87-A30-216-080	TR,2SA933AS(R)	a	b
MAIN		S Q	0103	87-A30-623-080	TR,DTC124XSA	a	b
MAIN		S Q	0104	89-213-702-010	TR,2SB1370E	a	b
MAIN		S Q	0105	87-026-462-080	TR,2SC1740SRS	a	b
MAIN		S Q	0243	87-026-610-080	TR,KTC3198GR	a	b
MAIN		S Q	0244	87-026-610-080	TR,KTC3198GR	a	b
MAIN		S Q	0311	89-110-155-080	TR,2SA1015GR	a	b
MAIN		S Q	0312	89-110-155-080	TR,2SA1015GR	a	b
MAIN		S Q	0320	87-026-610-080	TR,KTC3198GR	a	b
MAIN		S Q	0331	87-026-610-080	TR,KTC3198GR	a	b
MAIN		S Q	0332	87-026-610-080	TR,KTC3198GR	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		S Q	0333	87-026-610-080	TR,KTC3198GR	a	b
MAIN		S Q	0335	86-NFZ-664-040	C-TR,DTC143TKA	a	b
MAIN		S Q	0336	87-A30-435-040	C-TR,DTC144EKA	a	b
MAIN		S Q	0341	89-110-155-080	TR,2SA1015GR	a	b
MAIN		S Q	0342	89-110-155-080	TR,2SA1015GR	a	b
MAIN		S Q	0343	89-110-155-080	TR,2SA1015GR	a	b
MAIN		S Q	0344	87-A30-435-040	C-TR,DTC144EKA	a	b
MAIN		S Q	0401	89-112-965-080	TR,2SA1296GR	a	b
MAIN		S Q	0402	87-026-215-080	TR,DTC114YS	a	b
MAIN		S Q	0407	87-026-610-080	TR,KTC3198GR	a	b
MAIN		S Q	0408	87-026-609-080	TR,KTA1266GR	a	b
MAIN		S Q	0409	87-026-609-080	TR,KTA1266GR	a	b
MAIN		S Q	0498	87-A30-432-040	C-TR,DTC124XKA	a	b
MAIN		S Q	0499	87-A30-432-040	C-TR,DTC124XKA	a	b
MAIN		X R	0101	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		X R	0102	88-108-474-080	C-RES,U 470K-1/16W J	a	b
MAIN		X R	0103	88-108-471-080	C-RES,U 470-1/16W J	a	b
MAIN		O R	0104	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X R	0105	88-108-152-080	C-RES,U 1.5K-1/16W J	a	b
MAIN		O R	0106	88-108-101-080	C-RES,U 100-1/16W J	a	b

ELECTRICAL PARTS LIST - 6/12 (CSD-FD79/77) - 6/10

! =  SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		X R	0107	88-108-471-080	C-RES,U 470-1/16W J	a	b
MAIN		O R	0108	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O R	0109	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X R	0206	88-121-101-080	RES,100-1/8W J	a	b
MAIN		X R	0207	88-121-101-080	RES,100-1/8W J	a	b
MAIN		X R	0215	88-108-000-080	C-JUMPER,U	a	b
MAIN		X R	0216	88-108-000-080	C-JUMPER,U	a	b
MAIN		X R	0219	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X R	0220	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X R	0231	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		X R	0232	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		X R	0233	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		O R	0234	87-012-188-080	C-CAP,U 47P-50 J CH GRM	a	b
MAIN		O R	0235	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X R	0236	88-108-000-080	C-JUMPER,U	a	b
MAIN		X R	0237	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		O R	0241	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		O R	0242	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		O R	0243	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		O R	0244	88-108-473-080	C-RES,U 47K-1/16W J	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		X R	0251	88-121-152-080	RES,1.5K-1/8W J	a	b
MAIN		X R	0252	88-121-152-080	RES,1.5K-1/8W J	a	b
MAIN		X R	0253	88-108-681-080	C-RES,U 680-1/16W J	a	b
MAIN		X R	0254	88-108-681-080	C-RES,U 680-1/16W J	a	b
MAIN		X R	0255	88-121-332-080	RES,3.3K-1/8W J	a	b
MAIN		X R	0270	88-108-104-080	C-RES,U 100K-1/16W J	a	b
MAIN		X R	0271	88-121-393-080	RES,39K-1/8W J	a	b
MAIN		X R	0272	88-121-393-080	RES,39K-1/8W J	a	b
MAIN		O R	0274	88-108-101-080	C-RES,U 100-1/16W J	a	b
MAIN		X R	0275	88-121-101-080	RES,100-1/8W J	a	b
MAIN		X R	0277	88-130-229-080	RES,2.2-1/4W J	a	b
MAIN		X R	0278	88-130-229-080	RES,2.2-1/4W J	a	b
MAIN		X R	0281	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0282	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0283	88-121-181-080	RES,180-1/8W J	a	b
MAIN		X R	0284	88-121-181-080	RES,180-1/8W J	a	b
MAIN		O R	0285	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O R	0286	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X R	0289	88-108-182-080	C-RES,U 1.8K-1/16W J	a	b
MAIN		X R	0290	88-108-182-080	C-RES,U 1.8K-1/16W J	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		X R	0291	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X R	0292	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X R	0301	88-108-334-080	C-RES,U 330K-1/16W J	a	b
MAIN		X R	0302	88-108-334-080	C-RES,U 330K-1/16W J	a	b
MAIN		X R	0305	88-108-181-080	C-RES,U 180-1/16W J	a	b
MAIN		X R	0306	88-108-181-080	C-RES,U 180-1/16W J	a	b
MAIN		X R	0307	88-108-181-080	C-RES,U 180-1/16W J	a	b
MAIN		X R	0308	88-108-181-080	C-RES,U 180-1/16W J	a	b
MAIN		X R	0309	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0310	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0311	88-108-394-080	C-RES,U 390K-1/16W J	a	b
MAIN		X R	0312	88-108-394-080	C-RES,U 390K-1/16W J	a	b
MAIN		X R	0313	88-108-122-080	C-RES,U 1.2K-1/16W J	a	b
MAIN		X R	0314	88-108-122-080	C-RES,U 1.2K-1/16W J	a	b
MAIN		X R	0315	88-108-000-080	C-JUMPER,U	a	b
MAIN		X R	0316	88-108-000-080	C-JUMPER,U	a	b
MAIN		X R	0321	88-108-471-080	C-RES,U 470-1/16W J	a	b
MAIN		X R	0322	88-108-471-080	C-RES,U 470-1/16W J	a	b
MAIN		O R	0331	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O R	0332	88-108-103-080	C-RES,U 10K-1/16W J	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		X R	0333	88-121-829-080	RES,8.2-1/8W J	a	b
MAIN		X R	0334	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0335	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0336	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
MAIN		X R	0337	88-121-479-080	RES,4.7-1/8W J	a	b
MAIN		O R	0338	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		X R	0339	88-121-150-080	RES,15-1/8W J	a	b
MAIN		X R	0340	88-121-150-080	RES,15-1/8W J	a	b
MAIN		X R	0341	88-108-471-080	C-RES,U 470-1/16W J	a	b
MAIN		X R	0342	88-108-471-080	C-RES,U 470-1/16W J	a	b
MAIN		O R	0343	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O R	0345	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X R	0347	88-108-000-080	C-JUMPER,U	a	b
MAIN		O R	0348	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X R	0349	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		X R	0350	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		O R	0351	88-108-123-080	C-RES,U 12K-1/16W J	a	b
MAIN		O R	0352	88-108-123-080	C-RES,U 12K-1/16W J	a	b
MAIN		O R	0353	88-108-223-080	C-RES,U 22K-1/16W J	a	b
MAIN		O R	0354	88-108-223-080	C-RES,U 22K-1/16W J	a	b

ELECTRICAL PARTS LIST - 7/12 (CSD-FD79/77) - 7/10

! = Δ SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
						CSD-FD77 CSTC	CSD-FD79 USTC
MAIN		X R	0357	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		X R	0358	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
MAIN		X R	0359	88-108-681-080	C-RES,U 680-1/16W J	a	b
MAIN		X R	0360	88-108-681-080	C-RES,U 680-1/16W J	a	b
MAIN		X R	0361	88-108-333-080	C-RES,U 33K-1/16W J	a	b
MAIN		X R	0362	88-108-333-080	C-RES,U 33K-1/16W J	a	b
MAIN		O R	0363	88-108-822-080	C-RES,U 8.2K-1/16W J	a	b
MAIN		O R	0364	88-108-822-080	C-RES,U 8.2K-1/16W J	a	b
MAIN		X R	0367	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
MAIN		X R	0368	88-108-682-080	C-RES,U 6.8K-1/16W J	a	b
MAIN		X R	0381	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
MAIN		X R	0401	88-121-102-080	RES,1K-1/8W J	a	b
MAIN		O R	0402	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		X R	0402	88-121-473-080	RES,47K-1/8W J	a	b
MAIN		X R	0403	88-121-331-080	RES,330-1/8W J	a	b
MAIN		X R	0416	88-108-221-080	C-RES,U 220-1/16W J	a	b
MAIN		X R	0417	88-118-470-080	C-RES,S 47-1/10W J	a	b
MAIN		X R	0418	88-118-100-080	C-RES,S 10-1/10W J	a	b
MAIN		X R	0419	88-118-101-080	C-RES,S 100-1/10W J	a	b
MAIN		X R	0420	88-118-152-080	C-RES,S 1.5K-1/10W J	a	b
MAIN		X R	0421	88-118-152-080	C-RES,S 1.5K-1/10W J	a	b
MAIN		X R	0422	88-118-102-080	C-RES,S 1K-1/10W J	a	b
MAIN		X R	0423	88-121-101-080	RES,100-1/8W J	a	b
MAIN		X R	0424	88-121-101-080	RES,100-1/8W J	a	b
MAIN		X R	0425	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
MAIN		X R	0426	88-118-152-080	C-RES,S 1.5K-1/10W J	a	b
MAIN		X R	0427	88-118-152-080	C-RES,S 1.5K-1/10W J	a	b
MAIN		X R	0428	88-118-470-080	C-RES,S 47-1/10W J	a	b
MAIN		O R	0429	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O R	0430	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O R	0431	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O R	0432	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O R	0433	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O R	0434	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O R	0435	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		O R	0436	88-108-102-080	C-RES,U 1K-1/16W J	a	b
MAIN		X R	0437	88-108-681-080	C-RES,U 680-1/16W J	a	b
MAIN		X R	0438	88-108-681-080	C-RES,U 680-1/16W J	a	b
MAIN		O R	0439	88-108-123-080	C-RES,U 12K-1/16W J	a	b
MAIN		X R	0440	88-108-122-080	C-RES,U 1.2K-1/16W J	a	b
MAIN		O R	0441	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X R	0442	88-108-273-080	C-RES,U 27K-1/16W J	a	b
MAIN		X R	0443	88-108-331-080	C-RES,U 330-1/16W J	a	b
MAIN		X R	0447	88-108-000-080	C- JUMPER,U	a	b
MAIN		X R	0448	88-108-000-080	C- JUMPER,U	a	b
MAIN		O R	0449	88-108-473-080	C-RES,U 47K-1/16W J	a	b
MAIN		O R	0451	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X R	0452	88-121-339-080	RES,3.3-1/8W J	a	b
MAIN		X R	0453	88-108-333-080	C-RES,U 33K-1/16W J	a	b
MAIN		X R	0454	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0455	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0456	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0457	88-108-183-080	C-RES,U 18K-1/16W J	a	b
MAIN		X R	0458	88-108-333-080	C-RES,U 33K-1/16W J	a	b
MAIN		X R	0459	88-108-181-080	C-RES,U 180-1/16W J	a	b
MAIN		X R	0460	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
MAIN		X R	0461	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
MAIN		X R	0462	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
MAIN		O R	0463	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		X R	0464	88-118-479-080	C-RES,S 4.7-1/10W J	a	b
MAIN		X R	0465	88-118-101-080	C-RES,S 100-1/10W J	a	b
MAIN		X R	0466	88-121-103-080	RES,10K-1/8W J	a	b
MAIN		X R	0466	88-121-392-080	RES,3.9K-1/8W J	a	b
MAIN		O R	0470	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O R	0476	88-108-101-080	C-RES,U 100-1/16W J	a	b
MAIN		O R	0477	88-108-101-080	C-RES,U 100-1/16W J	a	b
MAIN		O R	0478	88-108-101-080	C-RES,U 100-1/16W J	a	b
MAIN		O R	0479	88-108-101-080	C-RES,U 100-1/16W J	a	b
MAIN		O R	0480	88-108-101-080	C-RES,U 100-1/16W J	a	b
MAIN		O R	0481	88-108-101-080	C-RES,U 100-1/16W J	a	b
MAIN		O R	0497	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O R	0498	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O R	0499	88-108-103-080	C-RES,U 10K-1/16W J	a	b
MAIN		O SW	0401	87-036-389-010	SW,PUSH 1-1-1 R8120125	a	b
MAIN		O X	0401	81-592-641-010	VIB,CER 16.93MHZ	a	b
POWER		O C	0701	87-018-205-080	CAP,TC U 0.022-25 Z F TP	a	b
POWER		O C	0702	87-018-205-080	CAP,TC U 0.022-25 Z F TP	a	b
POWER		O C	0703	87-018-205-080	CAP,TC U 0.022-25 Z F TP	a	b
POWER		O C	0704	87-018-205-080	CAP,TC U 0.022-25 Z F TP	a	b
POWER		O CNA	0701	8C-CHE-661-010	CONN ASSY,3P POWER-MAIN	a	b

ELECTRICAL PARTS LIST - 8/12 (CSD-FD79/77) - 8/10

! =  SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL		
						CSD-FD77 CSTC	CSD-FD79 USTC	
POWER		S	D	0701	87-A40-465-090	DIODE,FR202	a	b
POWER		S	D	0702	87-A40-465-090	DIODE,FR202	a	b
POWER		S	D	0703	87-A40-465-090	DIODE,FR202	a	b
POWER		S	D	0704	87-A40-465-090	DIODE,FR202	a	b
POWER	!	O	F	0701	87-A91-940-080	PROTECTOR,2.5A 20P 60V	a	.
POWER		X	F	0701	88-100-000-010	PLATING-JW, 0.58 SN95	.	b
POWER	!	O	J	0101	87-A61-453-010	JACK,AC U PSU27-N	a	b
POWER	!	O	PT	0701	8B-CTA-613-010	PT,U EI-48	a	.
POWER	!	O	PT	0701	8C-CHE-645-010	PT,U CCH-E2.5W	.	b
POWER		X	W	0002	8C-CHE-662-010	WIRE,RED POWER-AC	a	b
POWER		X	W	0003	8C-CHE-663-010	WIRE,ORANGE POWER-AC	a	b
POWER		X	W	0004	8C-CHE-664-010	WIRE,YELLOW POWER-AC	a	b
SP-1		O	C	0293	87-010-133-080	CAP,E 2.2-50 M BP EB	a	b
SP-1		O	SP	0001	8C-CHE-634-010	SPKR,100MM 70HM 2.5W CCH-E	a	b
SP-1		O	SP	0003	8B-CH4-640-010	SPKR,36MM FY36-1C-W/GASKET	a	b
SP-2		O	C	0294	87-010-133-080	CAP,E 2.2-50 M BP EB	a	b
SP-2		O	SP	0002	8C-CHE-634-010	SPKR,100MM 70HM 2.5W CCH-E	a	b
SP-2		O	SP	0004	8B-CH4-640-010	SPKR,36MM FY36-1C-W/GASKET	a	b
TUNER		O	C	0002	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
TUNER		O	C	0003	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		O	C	0004	87-012-178-080	C-CAP,U 18P-50 J CH GRM	a	b
TUNER		O	C	0005	87-A10-039-080	C-CAP,U 470P-50 J CH	a	b
TUNER		O	C	0006	87-012-172-080	C-CAP,U 10P-50 D CH GRM	a	b
TUNER		O	C	0007	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0008	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0009	87-A10-915-080	C-CAP,U 1000P-25 J CH	a	b
TUNER		O	C	0010	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0011	87-012-170-080	C-CAP,U 8P-50 D CH GRM	a	b
TUNER		O	C	0012	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0013	87-A10-039-080	C-CAP,U 470P-50 J CH	a	b
TUNER		O	C	0014	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0015	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0016	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0017	87-012-174-080	C-CAP,U 12P-50 J CH GRM	a	b
TUNER		O	C	0018	87-012-162-080	C-CAP,U 1P-50 C CH GRM	a	b
TUNER		O	C	0019	87-A12-173-080	C-CAP,U 330P-50 CH	a	b
TUNER		O	C	0020	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
TUNER		O	C	0021	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
TUNER		O	C	0022	87-A11-049-080	C-CAP,U 1-6.3 K B	a	b
TUNER		O	C	0023	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		O	C	0024	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0025	87-010-785-080	C-CAP,U 0.015-25 K B GRM	a	.
TUNER		O	C	0025	87-010-787-080	C-CAP,U 0.022-25 K B GRM	.	b
TUNER		O	C	0026	87-010-785-080	C-CAP,U 0.015-25 K B GRM	a	.
TUNER		O	C	0026	87-010-787-080	C-CAP,U 0.022-25 K B GRM	.	b
TUNER		O	C	0027	87-A10-025-080	C-CAP,U 0.22-16 Z F	a	b
TUNER		O	C	0028	87-A10-025-080	C-CAP,U 0.22-16 Z F	a	b
TUNER		O	C	0029	87-012-176-080	C-CAP,U 15P-50 J CH GRM	a	b
TUNER		O	C	0030	87-012-184-080	C-CAP,U 33P-50 J CH GRM	a	b
TUNER		O	C	0031	87-012-176-080	C-CAP,U 15P-50 J CH GRM	a	b
TUNER		O	C	0032	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
TUNER		O	C	0033	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0034	87-012-274-080	C-CAP,U 1000P-50 K B GRM	a	b
TUNER		X	C	0035	88-108-000-080	C-JUMPER,U	a	b
TUNER		O	C	0036	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0037	87-A10-260-080	C-CAP,U 0.1-16 K B	a	b
TUNER		O	C	0038	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
TUNER		O	C	0039	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0040	87-012-166-080	C-CAP,U 4P-50 C CH GRM	a	b
TUNER		O	C	0041	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		O	C	0042	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0043	87-012-191-080	C-CAP,U 68P-50 J CH GRM	a	b
TUNER		O	C	0045	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0046	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0047	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0049	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0050	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0051	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
TUNER		O	C	0052	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
TUNER		O	C	0055	87-012-174-080	C-CAP,U 12P-50 J CH GRM	a	b
TUNER		O	C	0056	87-012-176-080	C-CAP,U 15P-50 J CH GRM	a	b
TUNER		O	C	0057	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0058	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0059	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b
TUNER		O	C	0060	87-010-404-080	CAP,E 4.7-50 M 11L SME	a	b
TUNER		O	C	0061	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
TUNER		O	C	0062	87-010-404-080	CAP,E 4.7-50 M 11L SME	a	b
TUNER		O	C	0063	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
TUNER		O	C	0064	87-010-263-080	CAP,E 100-10 M 11L SME	a	b
TUNER		O	C	0065	87-012-286-080	C-CAP,U 0.01-25 K B GRM	a	b

ELECTRICAL PARTS LIST - 9/12 (CSD-FD79/77) - 9/10

! =  SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	!	C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL		
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		O	C	0066	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
TUNER		O	C	0067	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
TUNER		O	C	0068	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
TUNER		O	C	0069	87-012-195-080	C-CAP,U 100P-50 J CH GRM	a	b
TUNER		O	CF	0002	87-A91-729-110	FLTR,SFE10.7 MS2C20-A	a	b
TUNER		O	CF	0003	87-A91-730-110	FLTR,CDA10.7 MG77A-A	a	b
TUNER		O	CF	0010	87-A91-728-110	FLTR,KIT KMFC5184-A	a	b
TUNER		O	CN	0001	87-A60-621-010	CONN,4P V 2MM JMT	a	b
TUNER		O	CN	0002	87-A60-624-010	CONN,7P V 2MM JMT	a	b
TUNER		X	CN	0003	8Z-CT4-623-010	PIN,TESTDIA0.9-10	a	b
TUNER		X	CN	0004	8Z-CT4-623-010	PIN,TESTDIA0.9-10	a	b
TUNER		X	CN	0005	8Z-CT4-623-010	PIN,TESTDIA0.9-10	a	b
TUNER		X	CN	0006	8Z-CT4-623-010	PIN,TESTDIA0.9-10	a	b
TUNER		X	CN	0007	8Z-CT4-623-010	PIN,TESTDIA0.9-10	a	b
TUNER		O	D	0001	87-A41-143-040	C-VARI-CAP,SVC383	a	b
TUNER		O	D	0002	87-A40-916-040	C-VARI-CAP,HVC202A	a	b
TUNER		O	D	0003	87-A40-916-040	C-VARI-CAP,HVC202A	a	b
TUNER		S	D	0004	87-070-345-080	DIODE,1N4148	a	b
TUNER		S	D	0005	87-070-345-080	DIODE,1N4148	a	b
TUNER		S	IC	0001	87-A20-851-040	C-IC,TA2111F	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		S	IC	0002	87-A21-928-010	IC,LC72131D-N	a	b
TUNER		X	JR	0001	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0002	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0003	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0004	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0005	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0006	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0007	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0008	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0009	88-108-000-080	C-JUMPER,U	a	.
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		X	JR	0010	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0011	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0012	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0013	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0014	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0015	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0016	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0017	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0018	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0019	88-108-000-080	C-JUMPER,U	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		X	JR	0020	88-108-000-080	C-JUMPER,U	a	b
TUNER		X	JR	0021	88-108-000-080	C-JUMPER,U	a	.
TUNER		O	L	0001	87-A50-420-010	COIL,MW OSC(SYN)	a	b
TUNER		O	L	0002	87-A50-772-010	COIL,FM RF EX(CCH)	a	b
TUNER		O	L	0003	8A-CH4-670-010	BAR-ANT,MW 2B-ACH(COI)	a	b
TUNER		X	L	0004	88-100-000-010	PLATING-JW, 0.58 SN95	a	b
TUNER		O	L	0005	87-A50-560-010	COIL,FM BPF(ACD)	a	b
TUNER		O	L	0006	87-A91-308-010	FLTR,PCFAZH- 450T (TOK)	a	b
TUNER		O	L	0007	87-005-849-080	COIL,10UH K CECS	a	b
TUNER		O	L	0008	87-A50-770-010	COIL,FM OSC(CCH)	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		S	Q	0001	87-A30-288-040	C-TR,DTC114YKA	a	b
TUNER		S	Q	0002	87-026-447-080	TR,2SC1740SR	a	b
TUNER		S	Q	0003	89-111-624-080	C-TR,2SA1162Y	a	b
TUNER		S	Q	0004	87-A30-283-040	C-TR,DTA114YKA	a	b
TUNER		S	Q	0005	87-A30-076-080	C-TR,2SC3052F	a	b
TUNER		S	Q	0006	87-A30-076-080	C-TR,2SC3052F	a	b
TUNER		S	Q	0007	89-327-143-080	C-TR,2SC27140	a	b
TUNER		S	Q	0008	89-327-143-080	C-TR,2SC27140	a	b
TUNER		S	Q	0009	87-A30-283-040	C-TR,DTA114YKA	a	b
TUNER		S	Q	0010	87-A30-283-040	C-TR,DTA114YKA	a	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		S	Q	0011	87-A30-287-040	C-TR,DTC114TKA	a	b
TUNER		O	R	0001	88-108-102-080	C-RES,U 1K-1/16W J	a	b
TUNER		X	R	0002	88-108-104-080	C-RES,U 100K-1/16W J	a	b
TUNER		X	R	0003	88-108-330-080	C-RES,U 33-1/16W J	a	b
TUNER		O	R	0004	88-108-102-080	C-RES,U 1K-1/16W J	a	b
TUNER		O	R	0005	88-108-473-080	C-RES,U 47K-1/16W J	a	b
TUNER		X	R	0006	88-108-100-080	C-RES,U 10-1/16W J	a	b
TUNER		X	R	0007	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER		X	R	0008	88-108-100-080	C-RES,U 10-1/16W J	a	.
TUNER		X	R	0008	88-108-150-080	C-RES,U 15-1/16W J	.	b
						CSD-FD77 CSTC	CSD-FD79 USTC	
TUNER		X	R	0009	88-108-221-080	C-RES,U 220-1/16W J	a	b
TUNER		X	R	0010	88-108-221-080	C-RES,U 220-1/16W J	a	b
TUNER		O	R	0011	88-108-223-080	C-RES,U 22K-1/16W J	a	b
TUNER		O	R	0012	88-108-102-080	C-RES,U 1K-1/16W J	a	b
TUNER		X	R	0013	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER		X	R	0014	88-108-104-080	C-RES,U 100K-1/16W J	a	b
TUNER		X	R	0015	88-108-221-080	C-RES,U 220-1/16W J	a	b
TUNER		O	R	0016	88-108-473-080	C-RES,U 47K-1/16W J	a	b
TUNER		X	R	0017	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
TUNER		X	R	0018	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b

ELECTRICAL PARTS LIST - 10/12 (CSD-FD79/77) - 10/10

! =  SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
					CSD-FD77 CSTC	CSD-FD79 USTC
TUNER	X R	0019	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0020	88-108-000-080	C-JUMPER,U	a	b
TUNER	X R	0021	88-108-331-080	C-RES,U 330-1/16W J	a	b
TUNER	X R	0022	88-108-104-080	C-RES,U 100K-1/16W J	a	b
TUNER	X R	0023	88-108-104-080	C-RES,U 100K-1/16W J	a	b
TUNER	O R	0024	88-108-473-080	C-RES,U 47K-1/16W J	a	b
TUNER	X R	0025	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0026	88-121-472-080	RES,4.7K-1/8W J	a	b
TUNER	X R	0028	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0029	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0030	88-108-271-080	C-RES,U 270-1/16W J	a	b
TUNER	X R	0031	88-108-121-080	C-RES,U 120-1/16W J	a	b
TUNER	O R	0032	88-108-562-080	C-RES,U 5.6K-1/16W J	a	b
TUNER	O R	0033	88-108-102-080	C-RES,U 1K-1/16W J	a	b
TUNER	X R	0034	88-108-681-080	C-RES,U 680-1/16W J	a	b
TUNER	X R	0036	88-121-104-080	RES,100K-1/8W J	a	b
TUNER	X R	0037	88-108-104-080	C-RES,U 100K-1/16W J	a	b
TUNER	X R	0041	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0042	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0043	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0044	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0045	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0046	88-108-472-080	C-RES,U 4.7K-1/16W J	a	b
TUNER	X R	0047	88-108-222-080	C-RES,U 2.2K-1/16W J	a	b
TUNER	X R	0049	88-108-000-080	C-JUMPER,U	a	b
TUNER	O R	0050	88-108-332-080	C-RES,U 3.3K-1/16W J	a	b
TUNER	X SH	0001	88-ZA1-605-010	SHLD-CASE,IFT CAP-CASE	.	b
TUNER	O TC	0001	87-011-254-080	TRIMMER,CER 20P 4.0X4.5 ECR	a	b
TUNER	O X	0001	87-A70-306-010	VIB,XTAL 4.500MHZ CSA-309ST	a	b

ELECTRICAL PARTS LIST - 11/12 (AZM-6) - 1/1

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

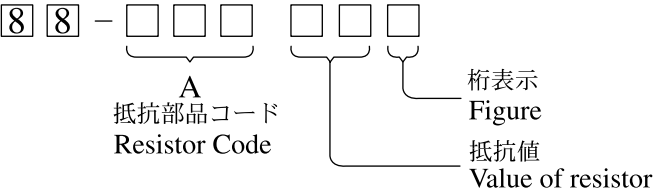
UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					AZM-6
					YR3NC
DECK	0	CN 1	87-A61-731-010	CONN,07P H 621600711	a
DECK	0	CRD1	8A-ZM6-603-010	RBN,CORD,2P-75	a
DECK	S	IC 1	87-020-454-010	IC,DN6851	a
DECK	0	SW 1	87-036-109-010	SW,MICRO SPPB61	a
DECK	0	SW 2	87-036-109-010	SW,MICRO SPPB61	a
DECK	0	SW 3	87-036-109-010	SW,MICRO SPPB61	a

- Regarding connectors, they are not stocked as they are not the initial order items.
The connectors are available after they are supplied from connector manufacturers upon the order is received.

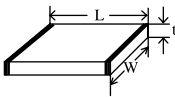
○チップ抵抗部品コード／CHIP RESISTOR PART CODE

チップ抵抗部品コードの成り立ち

Chip Resistor Part Coding



チップ抵抗
Chip resistor

容量 Wattage	種類 Type	許容誤差 Tolerance	記号 Symbol	寸法／Dimensions (mm)				抵抗コード : A Resistor Code : A
				外形／Form	L	W	t	
1/16W	1005	± 5%	CJ		1.0	0.5	0.35	104
1/16W	1608	± 5%	CJ		1.6	0.8	0.45	108
1/10W	2125	± 5%	CJ		2	1.25	0.45	118
1/8W	3216	± 5%	CJ		3.2	1.6	0.55	128

TRANSISTOR ILLUSTRATION - 1/1



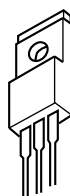
E C B

KTA1266GR
KTC3198GR
2SA1015GR



E C B

2SA952K
2SA1296GR
2SC5343GL



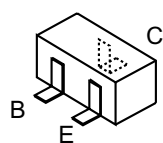
B C E

2SB1370E



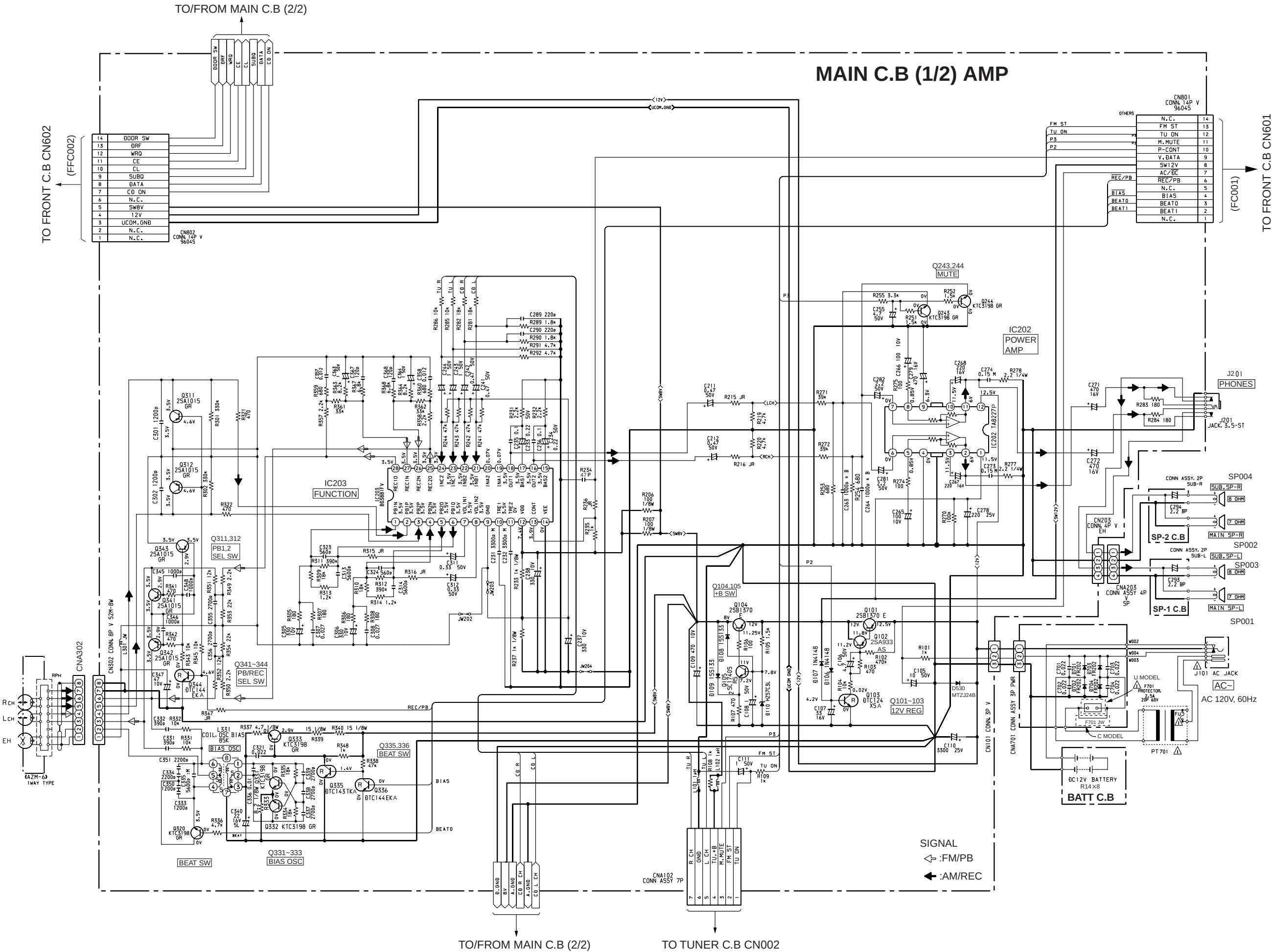
E C B

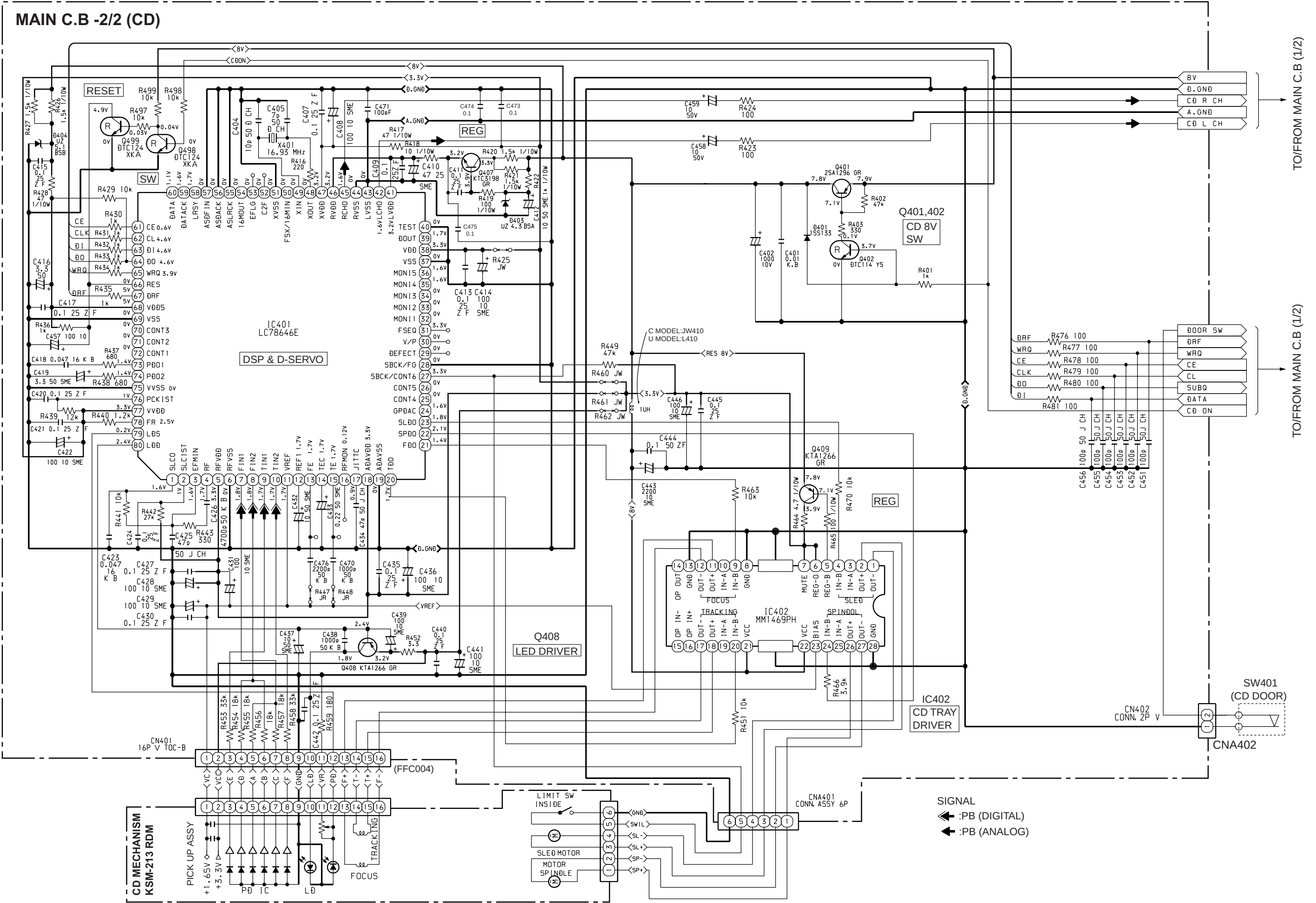
2SA933AS
2SC1740S
DTC114YS
DTC124XSA



2SA1162Y	DTC114YKA
2SC27140	DTC124EKA
2SC3052F	DTC124XKA
KRC102S	DTC143TKA
DTA114YKA	DTC144EKA
DTC114EKA	

SCHEMATIC DIAGRAM - 1/4 (MAIN - 1/2 <AMP>/POWER/BATT/SP-1/SP-2)



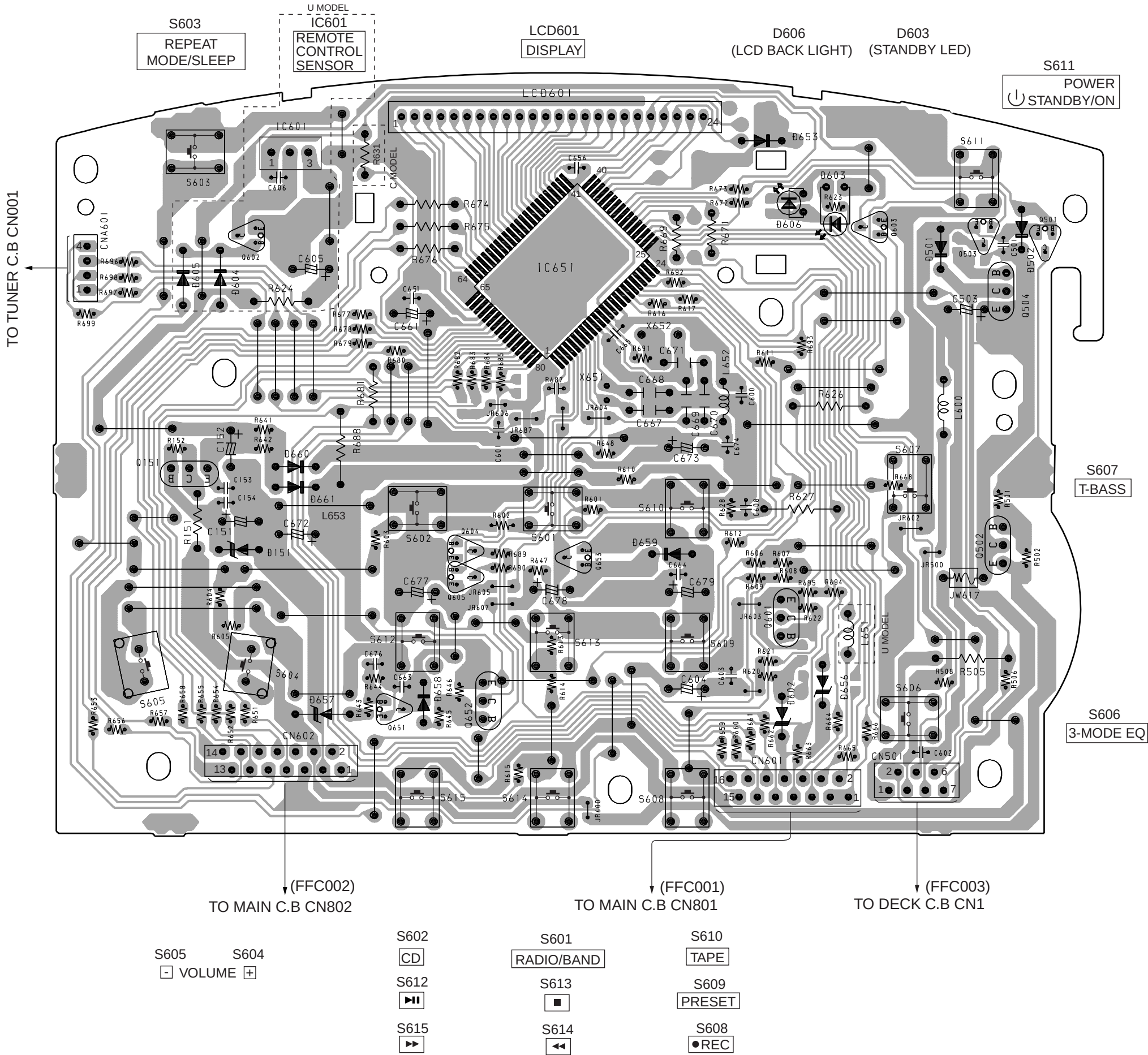




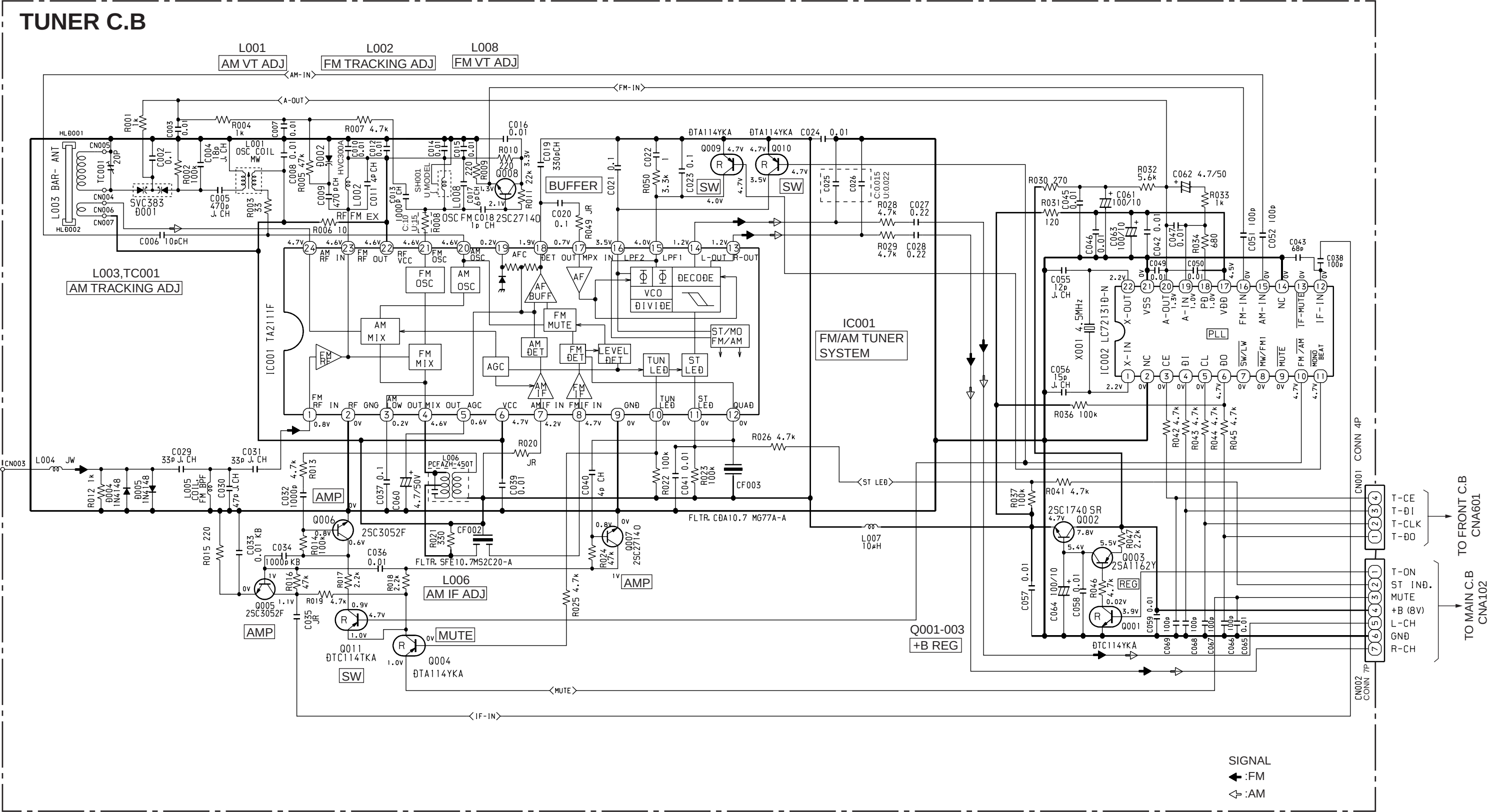


32	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1
----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	----	---	---	---	---	---	---	---	---	---

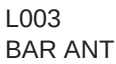
FRONT C.B



A
B
C
D
E
F
G
H
I
J
K
L
M
N
O
P
Q
R
S
T
U

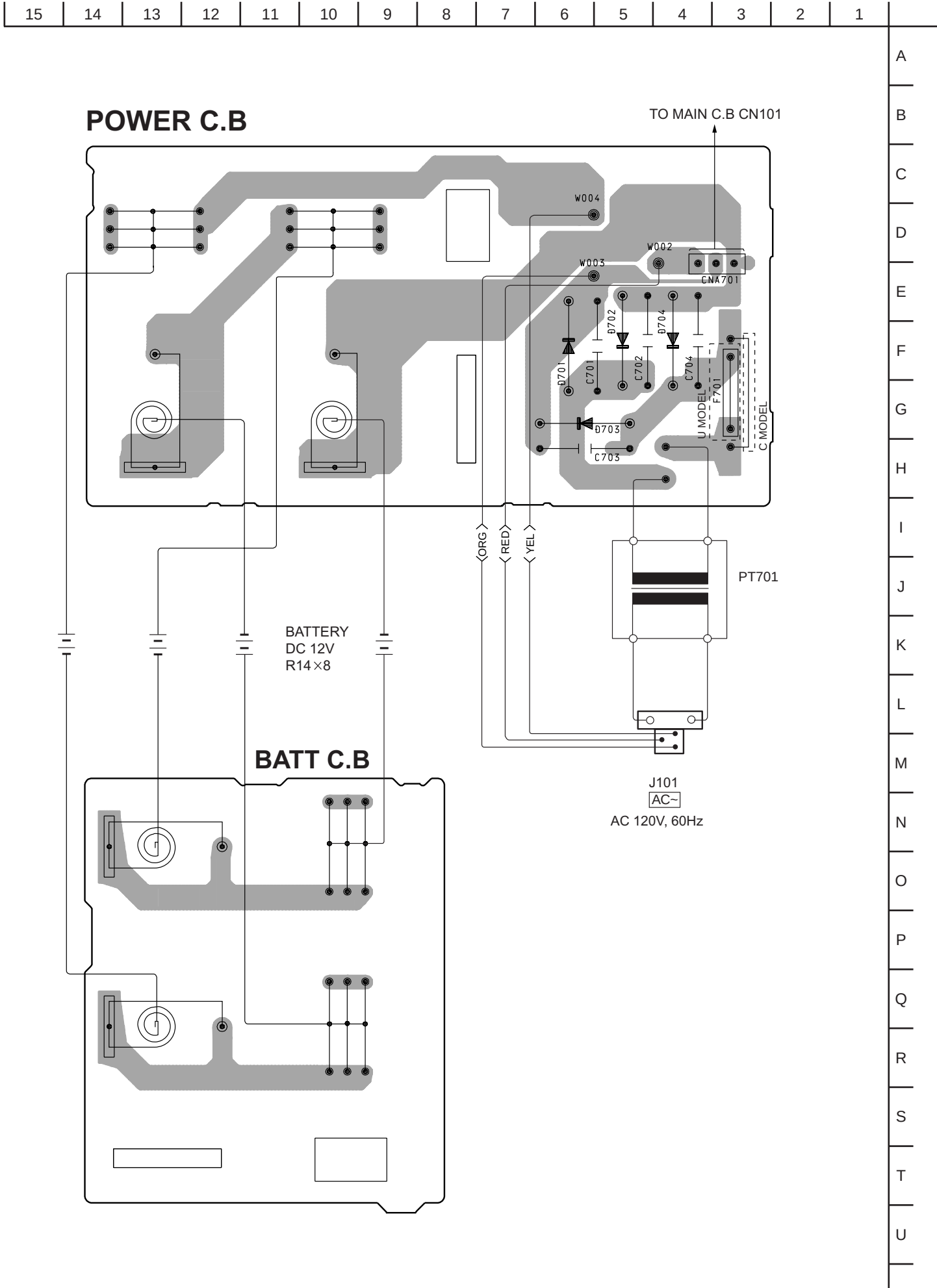


TUNER C.B

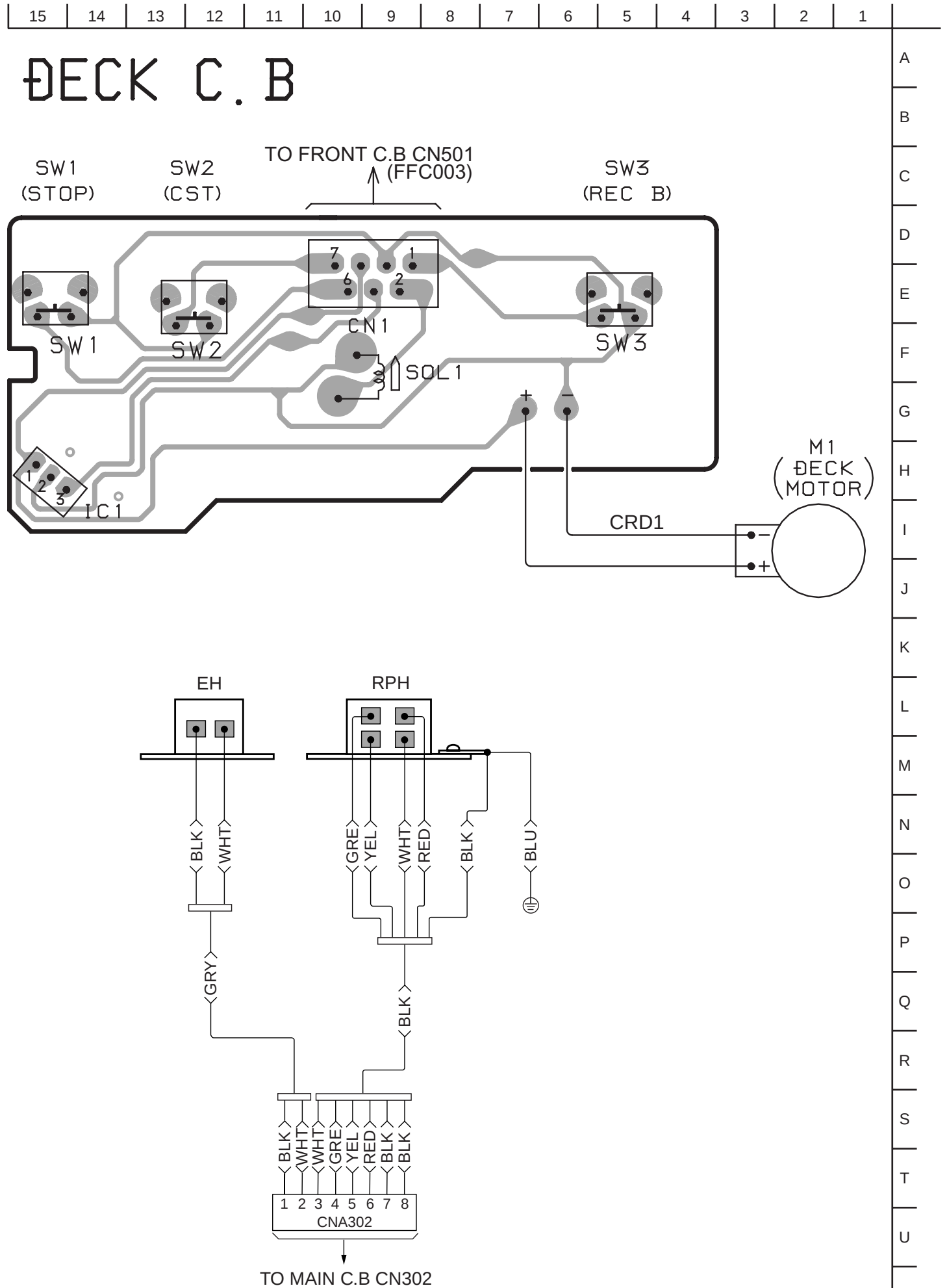


A	
B	
C	
D	
E	
F	
G	
H	
I	
J	
K	
L	
M	
N	
O	
P	
Q	
R	
S	
T	
U	

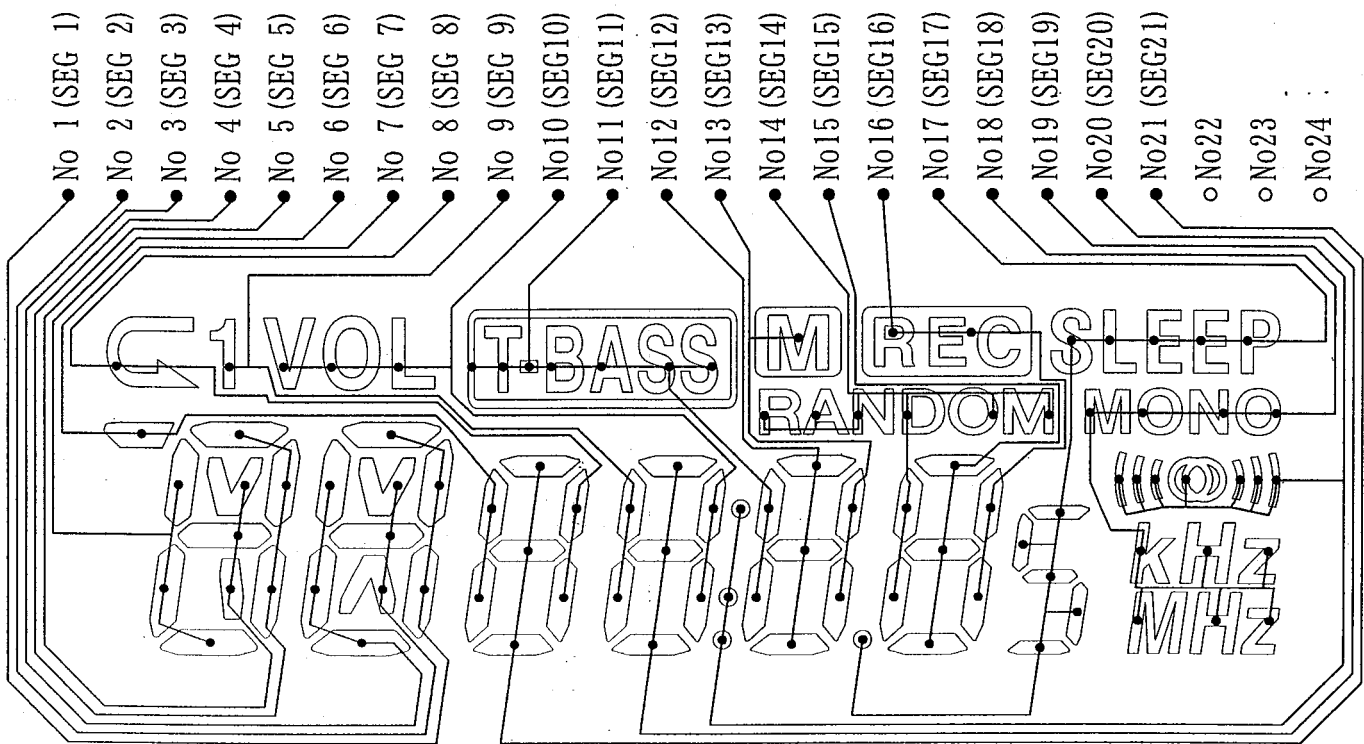
WIRING - 4/5 (POWER/BATT)



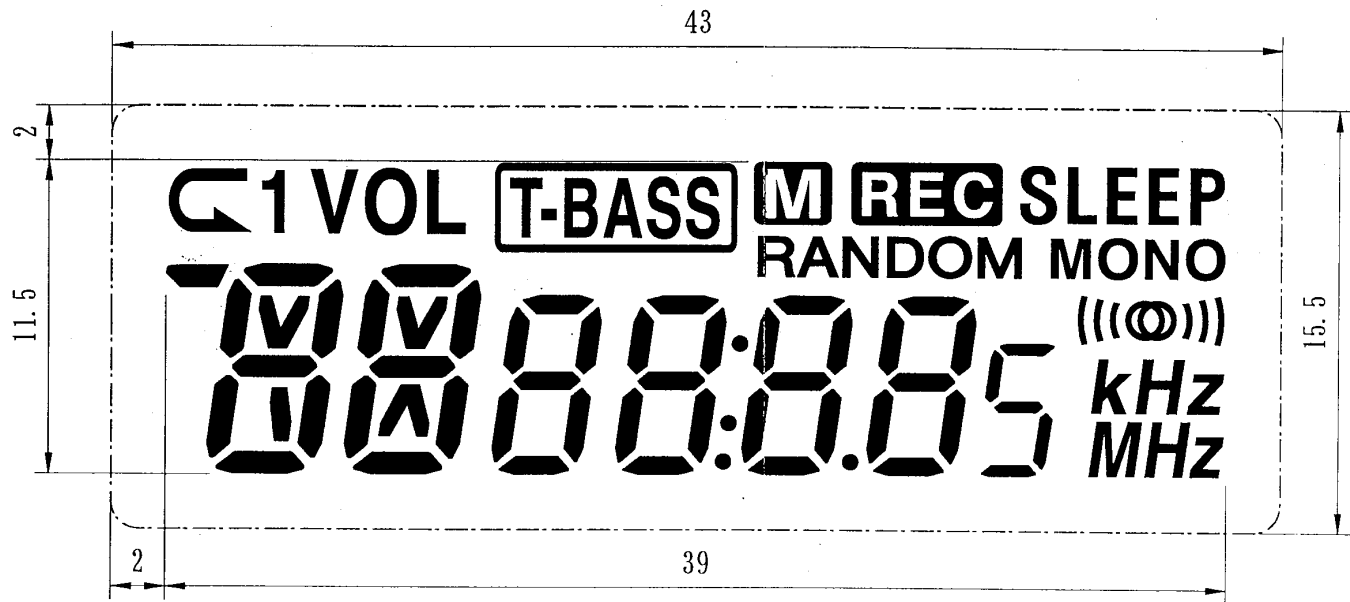
WIRING - 5/5 (DECK)



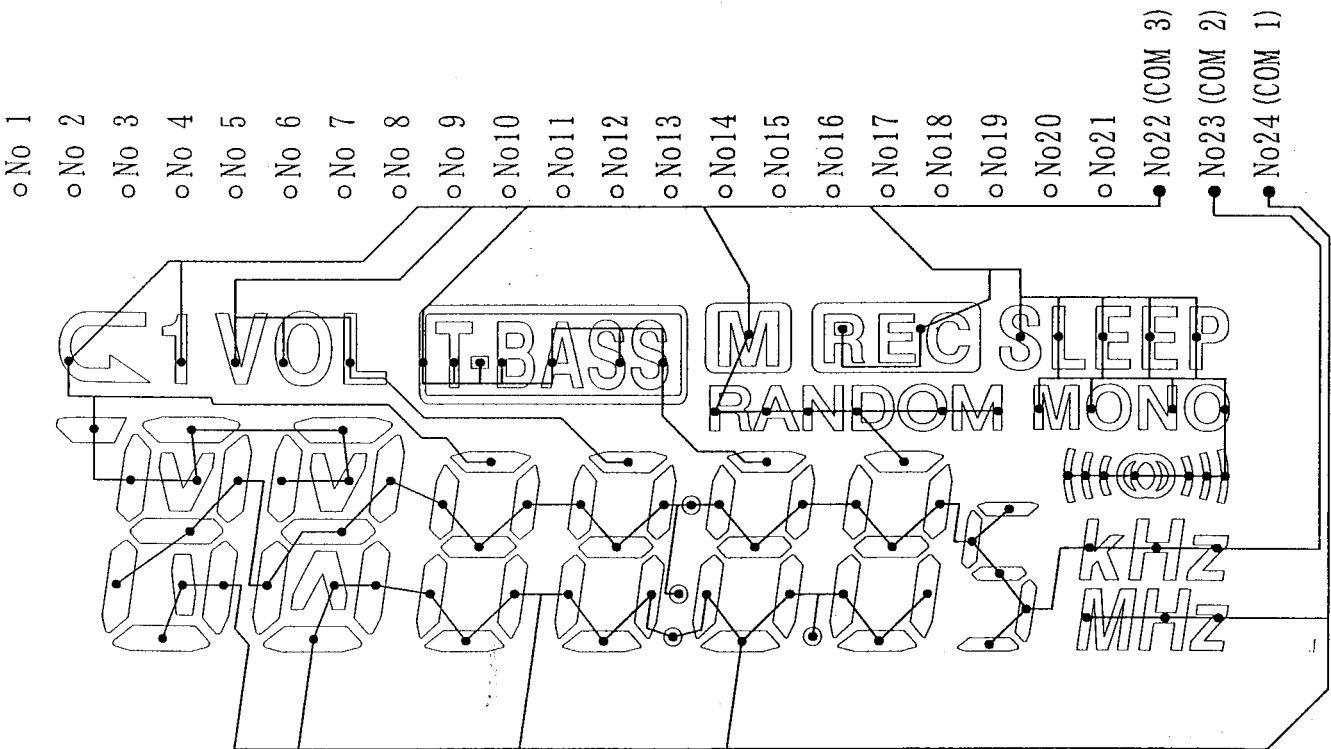
SEGMENT WIRING

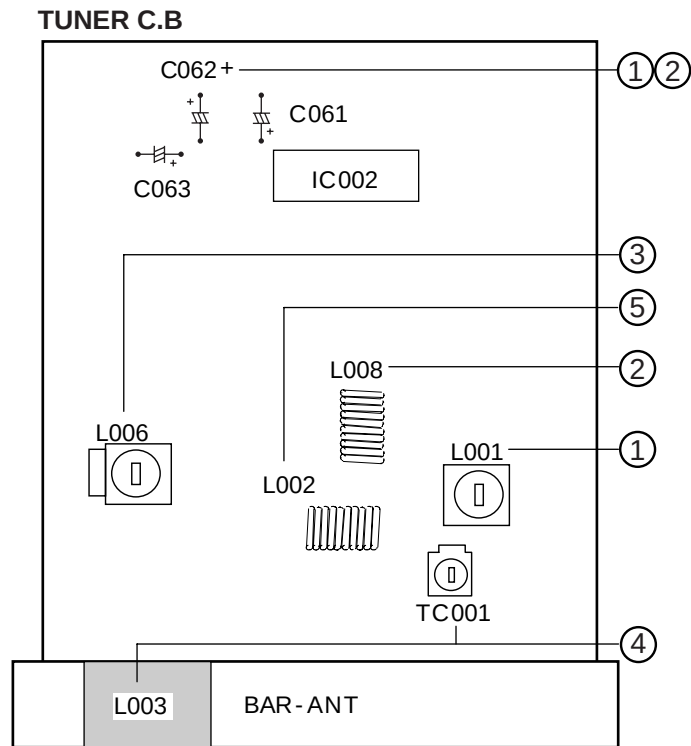


CHARACTER NAME



COMMON WIRING





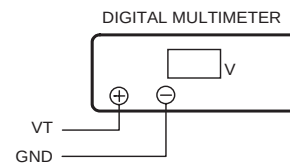
<TUNER Adjustment>

1. AM VT Adjustment

Requirement:

- Measuring instrument: Digital multimeter
- Test points: VT (C062+), GND
- Adjustment location: L001

- 1) Connect the digital multimeter between VT(C062+) and GND.
- 2) Set the function to AM and tune the reception frequency to 1710KHz.
Adjust L001 so that the digital multimeter indicates $6.0 \pm 0.05V$.



2. FM VT Adjustment

Requirement:

- Measuring instrument: Digital multimeter
- Test points: VT (C062+), GND
- Adjustment location: L008

- 1) Connect the digital multimeter between VT(C062+) and GND.
- 2) Set the function to FM and tune the reception frequency to 108.0MHz.
Adjust L008 so that the digital multimeter indicates $6.0 \pm 0.05V$.

ELECTRICAL ADJUSTMENT - 2/5

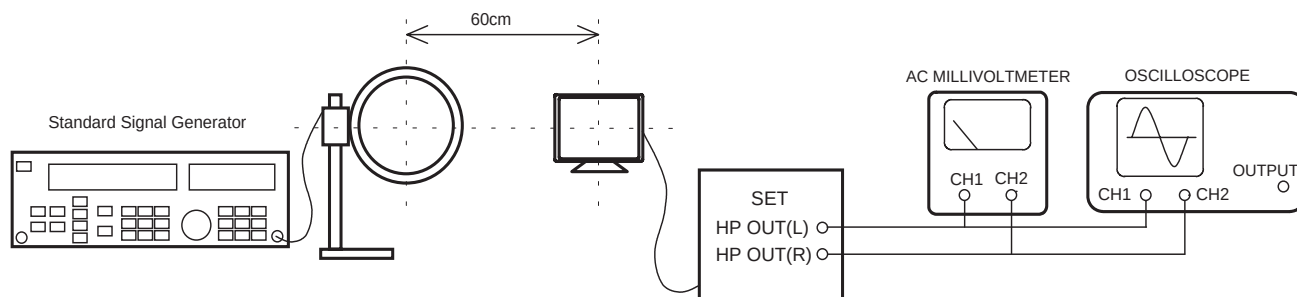
<AM Adjustment>

Make the following preparation for AM adjustment.

Preparation

- Measuring instruments: Standard Signal Generator (S.S.G)/Loop antenna/Oscilloscope/Millivoltmeter

- 1) Connect the unit and measuring instruments as shown in the diagram below.
- 2) Position the loop antenna connected to S.S.G. and the one connected to the unit 60cm apart.



3. AM IF Adjustment

Requirement:

- Test point: HP OUT
- Adjustment location: L006

- 1) Set S.S.G. to AM, carrier of 1400 or 1404KHz with 30% modulation, and source at 1KHz.
- 2) Tune the receiving frequency of the unit at AM 1400 or 1404KHz.
- 3) While monitoring the waveform at 1KHz through the oscilloscope, lower the output level of S.S.G. maximum (till a certain degree of noise is monitored).
- 4) Adjust L006 so that the millivoltmeter points maximum.

4. AM Tracking Adjustment

Requirement:

- Test point: HP OUT
- Adjustment locations: L003(BAR-ANT), TC001

- 1) Adjust TC001 so that the mechanical center.
- 2) Set S.S.G. to AM, carrier 600 or 603KHz with 30% modulation, source at 1KHz, and output at maximum.
- 3) Tune the unit to the receiving frequency at AM 600 or 603KHz.
- 4) While monitoring the waveform at 1KHz through the oscilloscope, lower the output level of S.S.G. maximum (till a certain degree or noise is monitored).
- 5) Adjust L003(BAR-ANT) so that the millivoltmeter indicates maximum.
- 6) Set S.S.G. to AM, carrier 1400 or 1404KHz with 30% modulation, source at 1KHz.
- 7) Turn the unit to the receiving frequency at AM 1400 or 1404KHz.
- 8) While monitoring the waveform at 1KHz through the oscilloscope, lower the output level of S.S.G. maximum (till a certain degree or noise is monitored).
- 9) Adjust TC001 so that the millivoltmeter indicates maximum.
- 10) Repeat the above step 2 to 9 two to three time.

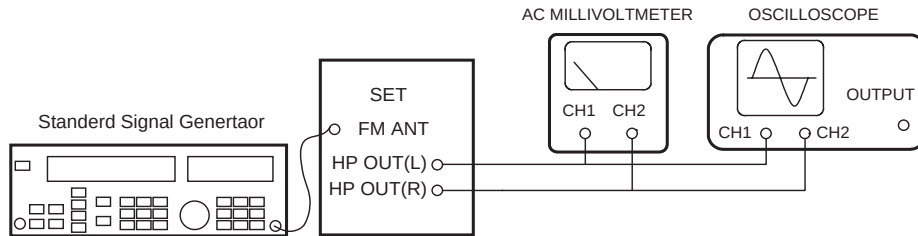
ELECTRICAL ADJUSTMENT - 3/5

<FM Adjustment>

Make the following preparation for FM adjustment.

Preparation

- Measuring instruments: Standard Signal Generator (S.S.G) /Oscilloscope/Millivoltmeter
- 1) Connect the unit and measuring instruments as shown in the diagram below.
 - 2) Position the loop antenna connected to S.S.G. and the one connected to the unit 60cm apart.



5. FM Tracking Adjustment

Requirement:

- Test point: HP OUT
 - Adjustment location: L002
- 1) Set S.S.G. to FM, carrier 87.5MHz with 75KHz modulation, source at 1KHz.
 - 2) Tune the unit to the receiving frequency at FM 87.5KHz.
 - 3) While monitoring the waveform at 1KHz through the oscilloscope, lower the output level of S.S.G. maximum (till a certain degree or noise is monitored).
 - 4) Adjust L002 so that the millivoltmeter indicates maximum.

ELECTRICAL ADJUSTMENT - 4/5

DECK ADJUSTMENT

Equipment and tools required

Measuring equipment

- Wow-flutter meter
- Oscilloscope
- Test tape: TTA-100/TTA-300(or TTA-310,320)

1. Tape Speed Adjustment

Requirements

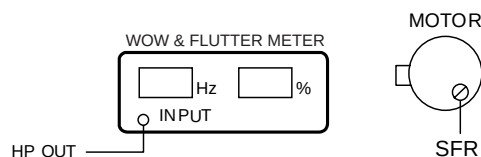
Measuring equipments : wow-flutter meter (frequency counter)

Test Tape: TTA-100 (3KHz)

Test point: HP OUT

Adjustment point : MOTOR SFR

- 1) Connect HP OUT to the Wow - flutter meter.
- 2) Insert the test tape (TTA-100) to Deck2, FWD play back center of the tape and adjust the MOTOR SFR until it becomes $3,000\text{Hz} \pm 20\text{Hz}$.



2. Wow – flutter Check

Requirements

Test tape: TTA-100 (3KHz)

Test point: HP OUT

Adjustment point : MOTOR SFR

- 1) Connect the HP OUT to the Wow – flutter meter.
- 2) Set the indicator to JIS and the mode to W&F(or RMS,UN WTD) of the Wow - flutter meter.
- 3) Play back the center of the test tape (TTA-100) and check that it is below 0.35%.

3. Head Azimuth Adjustment

Requirements

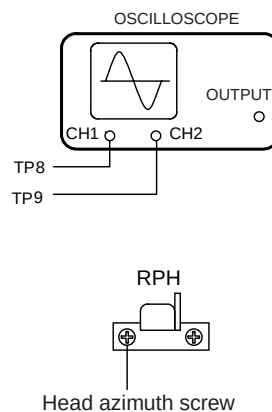
Measuring equipment: Oscilloscope

Test Tape: TTA-300 (10KHz)

Test point: HP OUT/SP OUT

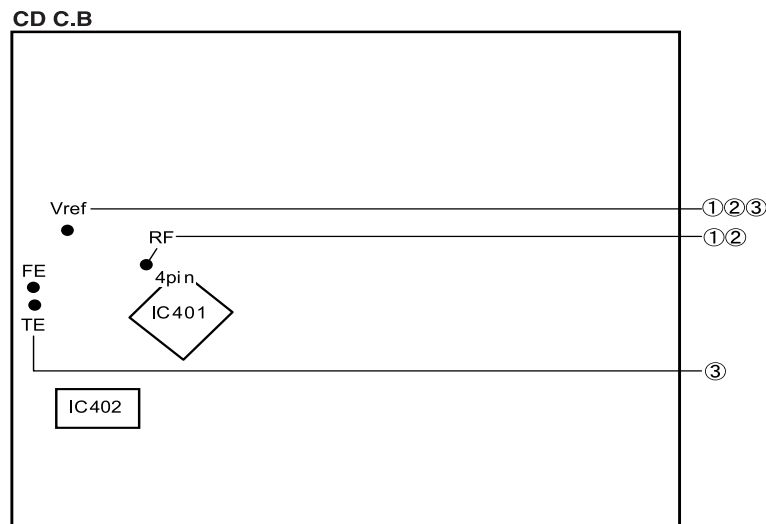
Adjustment point: Head azimuth screw

- 1) Connect the Test point to the oscilloscope of CH1(Lch) and CH2 (Rch).
- 2) Set the V mode of the oscilloscope to ADD.
- 3) Insert the test tape (TTA-330) to Deck1 ,FWD play back the center of the tape and adjustment the head azimuth screw until the waveform of the oscilloscope has reached the maximum when playing back at 10KHz.
- 4) After the adjustment, bond lock (1600B) the screw.



ELECTRICAL ADJUSTMENT - 5/5

CD CHECK



Perform the adjustments after the main unit enters the test mode.

Place the CD mechanism on level ground.

Equipment and tools required

Measuring equipment

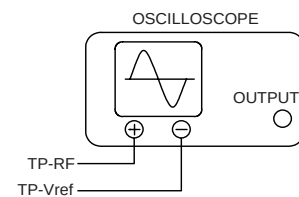
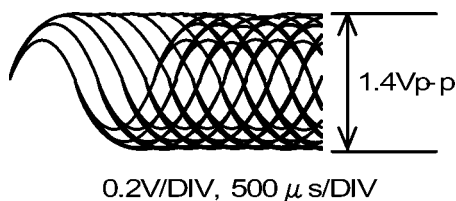
- Digital multi-meter
- Oscilloscope (10:1)
- Jitter meter (KIKUSUI 6235)

Test disc: TCD-782

ATD-001

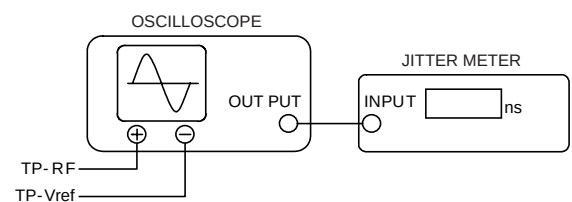
1. Rf Waveform Check

- 1) Connect oscilloscope to the test point RF and Vref.
- 2) Play back the second track of TCD-782.
- 3) Check that the RF waveform has the maximum amplitude and the center of the wedge waveform has the clear blank.



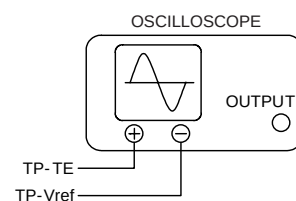
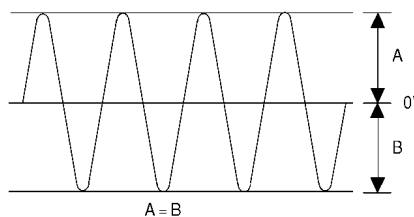
2. Jitter Check

- 1) While oscilloscope is kept connected in the same test point as in step1. RF WAVEFORM CHECK, connect the output terminal of an oscilloscope to the input terminal of the jitter meter.
- 2) Set the VOLT range selector of oscilloscope to 500mV range or below.
- 3) Play back second track of TCD-782.
- 4) Check that jitter meter indicates 28.0ns or less.



3. Traking Balance Check

- 1) Connect the TE and Vref to the oscilloscope.
- 2) Playback the second track of TCD-782 and press the PAUSE button.
- 3) Check that the ttraverse waveforms of oscilloscope are up and down symmetrical.



4. Play Ability Check

- 1) Play back the 3rd , 8th and 13th track of ATD-001. Check that the noise does not occur sound skipping does not occur.

CD TEST MODE - 1/1

1. How to Start the CD Test Mode

While pressing the FUNCTION button, insert the AC plug to the power outlet.
When the test mode is started, the message [All indicators light] is displayed.

2. How to Exit the CD Test Mode

Press the POWER button, push other FUNCTION button or disconnect the AC plug.
* Pressing any other function key during PLAY, aborts the test mode.

3. Function Descriptions and Application of the CD Test Mode

No	Mode	Operation	Display	Function	Checking item
1	Start mode		All indicators light	• All FL indicators light	• FL check • Microprocessor check
2	Search mode	STOP button	Normal	• LD illuminates all the time • Focus search continuous operations *1,*2 • Spindle motor continuous kick	• APC circuit check • Laser current measurement • Focus search waveform check
3	Play mode	PLAY/ PAUSE button	Normal	• Normal playback • If TOC cannot be read, focus search is continued	• Each servo circuit is checked
4	Traverse mode	PLAY/ PAUSE button	Normal	• Tracking servo OFF/ON • Released by pressing the STOP button.	• Tracking balance check
5	Sled mode	FF button	All indicators light	• Pickup moves to the inner circumference *3 At the same time, lens kicks to the inner circumference	• Sled circuit check • Tracking circuit check • Mechanism operation check • Pickup check
		RWD button	All indicators light	• Pickup moves to the outer circumference *3 At the same time, lens kicks to the outer circumference	
6	Spindle mode	REC	All indicators light	• The spindle motor rotates forward (rough speed) by pressing the button and rotates backward by pressing one more time and stops by pressing again	• Spindle circuit • Spindle motor

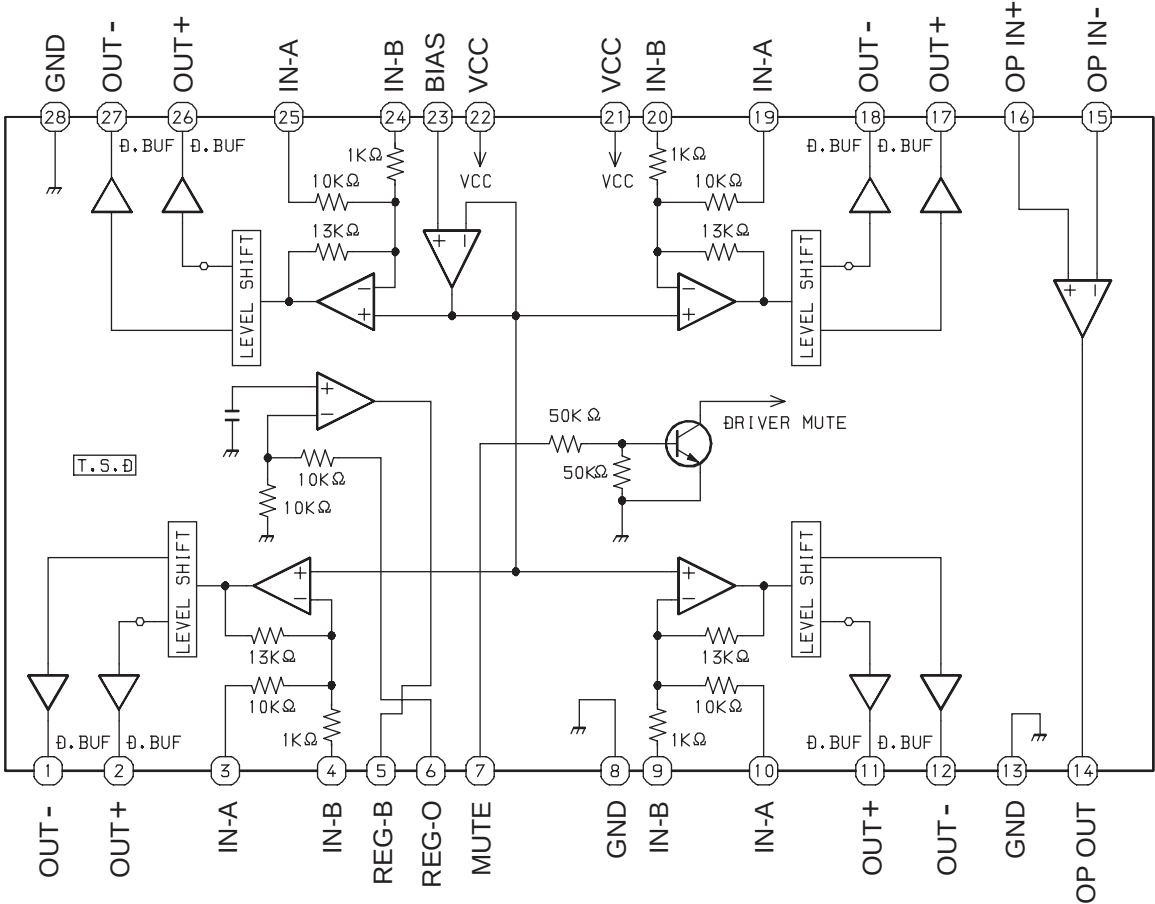
*1: The driver IC heats up and the protection circuit starts working when the focus search is continued for 10 minutes or longer. There can be a case that operations can not be performed correctly.

In such a case, turn off the main power. After cooling down the machine, restart the machine.

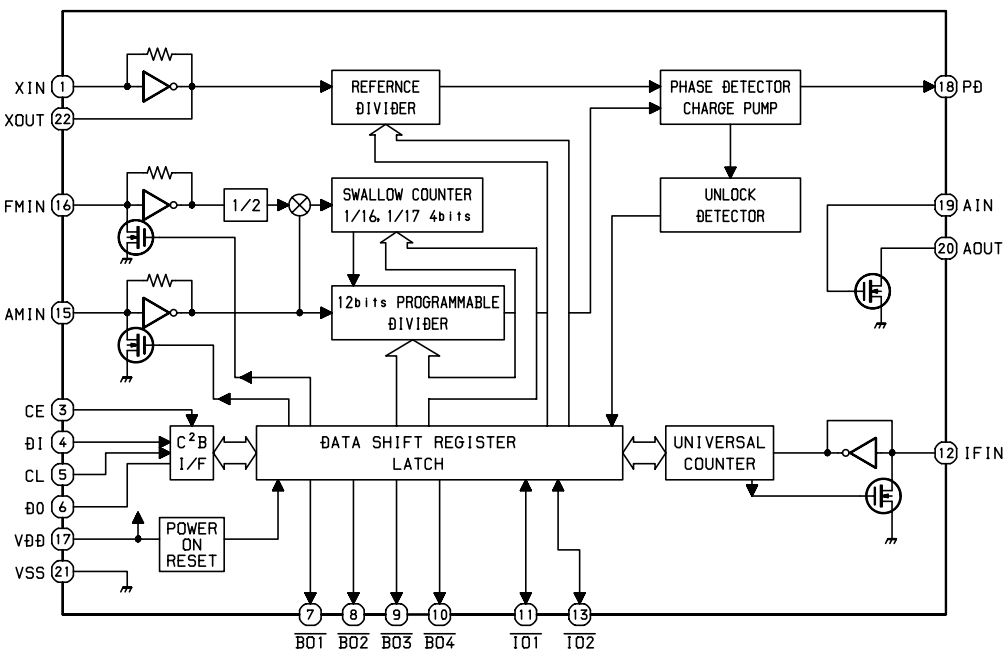
*2: After the focus search is executed three times, the gain is changed to the CD-RW gain from the fourth time.

*3: Be careful not to damage the gear because the sled motor rotates while the FF or RWD button is being pressed even if the pick-up is located in the innermost track or the outermost track.

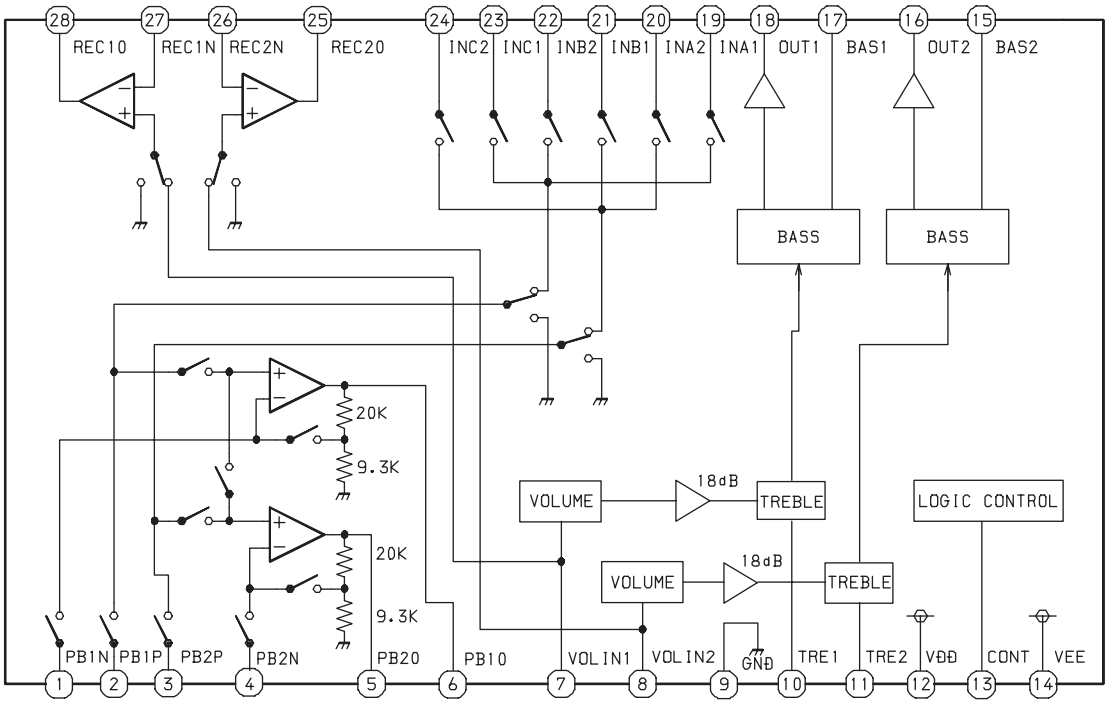
IC, MM1469PH



IC, LC72131D



IC, BD3881FV



IC DESCRIPTION - 1/2 (IC, LC78646E) - 1/2

Pin No.	Pin Name	I/O	Description
1	SLCO	O	Slice level control output.
2	SLCIST	I	SLCO output current adjustment resistor connection pin.
3	EFMIN	I	RF signal input pin.
4	RF	O	RF monitor pin.
5	RFVDD	–	RF power supply pin.
6	RFVSS	–	RF ground pin. (Connected to 0V)
7	FIN1	I	A+C signal input pin.
8	FIN2	I	B+D signal input pin.
9	TIN1	I	E signal input pin.
10	TIN2	I	F signal input pin.
11	VREF	O	VREF voltage output pin.
12	REF1	I	Reference voltage setting pin.
13	FE	O	FE signal monitor pin.
14	TEC	O	TE signal low pass filter capacitor connection pin.
15	TE	O	TE signal monitor pin.
16	RFMON	O	RF internal signal monitor pin. (Not used)
17	JITTC	–	Jitter detection capacitor connection pin.
18	ADAVDD	–	Servo A/D, D/A supply pin.
19	ADAVSS	–	Servo A/D, D/A ground pin. (Connected to 0V)
20	TDO	O	Tracking control output pin. D/A output.
21	FDO	O	Focus control output pin. D/A output.
22	SPDO	O	Spindle control output pin. D/A output.
23	SLDO	O	Sled control output pin. D/A output.
24	GPDAC	O	Servo D/A general purpose output pin. (Not used)
25	CONT4	I/O	General purpose input/output pin 4. (Used as a CD driver mute pin) (Not used)
26	CONT5	I/O	General purpose input/output pin 5. (Not used)
27	SBCK/CONT6	I/O	Sub-code read clock input pin / General purpose input/output pin 6. (Used as a CD pickup inside limit switch pin)
28	SBCK/FG	I	Sub-code read clock input pin / FG signal input pin/external emphasis setting pin. Set to command pin function. (Connected to 0V)
29	DEFECT	O	Defect pin. (Not used)
30	V/P	O	Rough servo/phase control automatic switching monitor output pin. "H" for rough servo and "L" for phase servo. (Not used)
31	FSEQ	O	Synchronization signal detection output pin. Outputs a high level when the synchronization signal detected from the EFM signal and the internally generated synchronization signal agree. (Not used)
32 ~ 36	MONI1 ~ MONI5	O	Internal signal monitor pin 1 ~ 5. (Not used)
37	VSS	–	Digital ground pin. (Connected to 0V)
38	VDD	–	Digital power supply pin.
39	DOUT	O	Digital OUT output pin.(Not used)
40	TEST	I	Test input pin. (Connected to 0V)

IC DESCRIPTION - 1/2 (IC, LC78646E) - 2/2

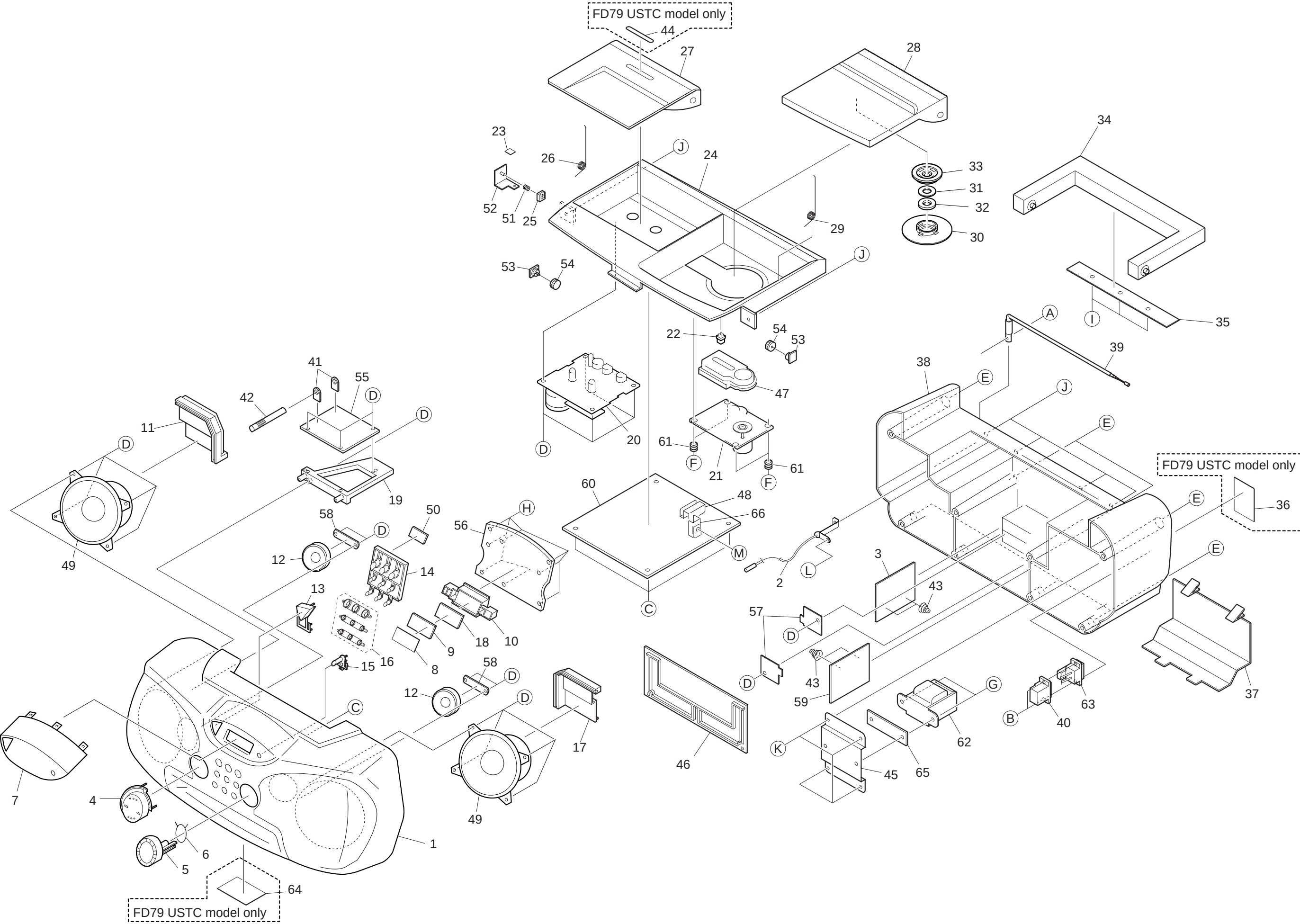
Pin No.	Pin Name	I/O	Description
41	LVDD	–	Left channel power supply pin.
42	LCHO	O	Left channel output pin.
43	LVSS	–	Left channel ground pin. (Connected to 0V)
44	RVSS	–	Right channel ground pin. (Connected to 0V)
45	RCHO	O	Right channel output pin.
46	RVDD	–	Right channel power supply pin.
47	XVDD	–	Crystal oscillator power supply pin.
48	XOUT	O	Connections for a 16.9344MHz crystal oscillator pin.
49	XIN	I	
50	FSX/16MIN	I/O	7.35kHz synchronization signal output pin / DF, DAC external clock input pin. (Not used)
51	XVSS	–	Crystal oscillator ground pin. (Connected to 0V)
52	C2F	O	C2 flag output pin. (Not used)
53	EFLG	O	C1, C2 error correction monitor pin. (Not used)
54	16MOUT	O	16.9344MHz output pin. (Not used)
55	ASLRCK	I	Left/Right clock input pin during anti-shock mode. (Connected to 0V)
56	ASDACK	I	Bit clock input pin during anti-shock mode. (Connected to 0V)
57	ASDFIN	I	Left/Right channel data input pin during anti-shock mode. (Connected to 0V)
58	LRSY	O	Left/Right clock output pin. (Not used)
59	DATACK	O	Bit clock output pin. (Not used)
60	DATA	O	Left/Right channel data output pin. (Not used)
61	CE	I	Chip enable signal input pin.
62	CL	I	Data transfer clock input pin.
63	DI	I	Data input pin.
64	DO	O	Data output pin. (Nch open drain output)
65	WRQ	O	Interruption signal output pin.
66	RES	I	Reset input pin. This pin must be set low briefly after power is first applied.
67	DRF	O	Focus ON detect pin.
68	VDD5	–	Microprocessor interface power supply pin.
69	VSS	–	Digital ground pin. (Connected to 0V)
70 ~ 72	CONT3 ~ CONT1	I/O	General purpose input/output pin 3 ~ 1.(Not used)
73	PDO1	O	Phase comparison output pin 1 to control built-in VCO.
74	PDO2	O	Phase comparison output pin 2 to control built-in VCO.
75	VVSS	–	Built-in VCO ground pin. (Connected to 0V)
76	PCKIST	I	Resistor connection pin to set current for PDO1 and PDO2 outputs.
77	VVDD	–	Built-in VCO power supply pin.
78	FR	I	Resistor connection pin to set the frequency range of built-in VCO.
79	LDS	I	Laser power detection signal input pin.
80	LDD	O	Laser power control signal output pin.

IC DESCRIPTION - 2/2 (IC,LC867132V-5Z39) - 1/2

Pin NO.	Pin Name	I/O	Description
1	I-FM ST	I/O	FM stereo status input: “L” input at stereo.
2	I-CDDOOR	I	CD door switch open/close detection: “L” input at door close.
3	O-FUNC1	O	FUNCTION IC control output (LOW output or high output).
4	O-FUNC2	O	FUNCTION IC control output (LOW output or High output).
5	O-CKSFT	O	μ-COM main clock shift output (LOW output or H-imp).
6	I-HOLD	I	Hold status detection: Entry to hold at “H”.
7	I-RST	I	μ-COM reset input.
8	XT1(IN)	I	Connected to 32.768 KHz X’TAL.
9	XT2(OUT)	O	Connected to 32.768 KHz X’TAL.
10	VSS1	–	μ-COM power GND.
11	CF1(IN)	I	Connected to 5.76 MHz CF.
12	CF2(OUT)	O	Connected to 5.76 MHz CF.
13	VDD1	–	μ-COM +5V power.
14	N.C.	I/O	(Not used)
15	VDD2	–	μ-COM +5V power.
16	N.C.	I/O	(Not used)
17	I-AC/DC	I	AC/DC input.
18	I-KEY0	I	KEY input ①.
19	I-KEY1	I	KEY input ②.
20	I-SW12V	I	Machine power supply voltage detection.
21	I-DSW	I	TP REC possible/prohibited detection.
22,23	N.C.	O	(Not used)
24	O-R.MUTE	O	TP REC mute control output (Not necessary when using BD3881FV made by Rohm Inc.).
25	O-REC/PB	O	TP REC/PB selection control output.
26	I-CAM	I	TP stop pulse detection.
27	I-AS	I	TP auto pulse detection.
28	I-REM	I	Remote control input.
29	O-BEAT0	O	AM beat selector output ①.
30	O-BEAT1	O	AM beat selector output ②. (Not used)
31	O-BIAS	O	TP REC bias control output.
32	O-PL	O	TP mechanism control output (plunger solenoid).
33	O-MOTOR	O	TP mechanism control output (motor).
34	N.C.	O	Q-sound LED control output: LED lights at “H”. (Not used)
35	N.C.	O	(Not used)
36	O-INT	O	Initial diode matrix detection output.
37	SEG0	O	LCD segment output:LCD 1pin/Initial setting output (diode matrix) (SW).
38	SEG1	O	LCD segment output:LCD 2pin/Initial setting output (diode matrix) (LW).
39	SEG2	O	LCD segment output:LCD 3pin/Initial setting output (diode matrix) (AM 10K).
40	SEG3	O	LCD segment output:LCD 4pin/Initial setting output (diode matrix) (FM WIDE).

IC DESCRIPTION - 2/2 (IC,LC867132V-5Z39) - 2/2

Pin NO.	Pin Name	I/O	Description
41	VDD3	–	μ-COM power supply +5V.
42	VSS3	–	μ-COM power supply GND.
43	SEG4	O	LCD segment output:LCD 5pin /Initial setting output (diode matrix). (OIRT)
44-59	SEG5-SEG20	O	LCD Segment ouptut:LCD 6pin-LCD 21pin.
60	N.C.	O	(Not used)
61	I-SUBQ	I	CD subcode Q, data input.
62	I-WRQ	I	CD subcode Q, standby input.
63	I-DRF	I	CD RF detection input.
64	COM0	O	LCD common output:LCD 22pin.
65	COM1	O	LCD common output:LCD 23pin.
66	COM2	O	LCD common output:LCD 24pin.
67	N.C.	O	(Not used)
68	VSS2	–	μ-COM power supply:GND.
69	VDD2	–	μ-COM power supply:+5V.
70	O-DATA	O	CD command output.
71	O-CL	O	CD command/subcode CLK.
72	O-CE	O	CD chip enable output.
73	O-CDON	O	CD function power control output.
74	O-P.CONT	O	Machine power control output.
75	O-M.MUTE	O	Main mute output.
76	O-TUON	O	TU function power control output.
77	O-TUDI	O	Data output to TU IC (LC72131).
78	I-TUDO	I	Data input from TU IC (LC72131).
79	O-TUCE	O	CE output to TU IC (LC72131) .
80	O-CLK	O	TU IC (LC72131) clock output.



MECHANICAL PARTS LIST - 1/2

! = SAFETY PARTS
C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL		
					CSD - FD77 CSTC	CSD - FD79 USTC	
		O	MC1001	8C-CH4-041-010	CABI ASSY,FR U W/O RC	a	.
		O	MC1001	8C-CHE-011-010	CABI ASSY,FR U	.	b
		X	MC1001a	8C-CH4-042-010	CABI,FR U W/O RC	a	.
		X	MC1001a	8C-CHE-012-010	CABI,FR U	.	b
		X	MC1001b	8C-CHE-013-010	GRILLE,SPKR L	a	b
		X	MC1001c	8C-CHE-014-010	GRILLE,SPKR R	a	b
		X	MC1002	8C-CHE-665-010	WIRE,FASTEN ASSY ANT	a	b
		X	MC1003	8C-CHE-615-010	PWB,POWER 2.5W CCH-E	a	b
		O	MC1004	8C-CHE-024-010	BTN,EQ	a	b
		O	MC1005	8C-CHE-025-010	BTN,VOL	a	b
		O	MC1006	8C-CHE-211-010	SPR-T,VOL	a	b
		O	MC1007	8C-CHE-022-010	WINDOW,DISP	a	b
		X	MC1008	8C-CHE-206-010	SH,LCD	a	b
		X	MC1009	8C-CHE-201-010	LENS,LCD	a	b
		X	MC1010	8C-CHE-202-010	HLDR,LCD	a	b
		X	MC1011	8C-CHE-203-010	PLATE,SPKR L	a	b
		O	MC1012	8B-CH4-640-010	SPKR,36MM FY36-1C-W/GASKET	a	b
		O	MC1013	8C-CHE-026-010	BTN,POWER	a	b
		O	MC1014	8C-CHE-023-010	BTN,FUNC	a	b
		O	MC1015	8C-CHE-027-010	BTN,REPEAT	a	b
					CSD - FD77 CSTC	CSD - FD79 USTC	
		O	MC1016	8C-CHE-028-010	RING,FUNC	a	b
		X	MC1017	8C-CHE-204-010	PLATE,SPKR R	a	b
		O	MC1018	8C-CHE-635-110	LCD,CCH-E/ADAMANT	a	b
		O	MC1019	8B-CH4-203-010	HLDR,TU	.	b
		X	MC1020	M8-AZM-695-070	AZM-6 YR3NC	a	b
		O	MC1021	M8-CZK-490-070	KSM-213RDM	a	b
		O	MC1022	87-036-389-010	SW,PUSH 1-1-1 R8120125	a	b
		O	MC1023	8C-CHE-207-010	PLATE,CASS SPR	a	b
		O	MC1024	8C-CH4-043-010	CHAS,TOP FD77	a	.
		O	MC1024	8C-CHE-037-010	CHAS,TOP FD79	.	b
		O	MC1025	82-NF5-229-010	PLATE,LOCK(*)	a	b
		O	MC1026	8B-CH4-210-110	SPR-T,CASS	a	.
		O	MC1026	8B-CH4-210-010	SPR-T,CASS	.	b
		O	MC1027	8C-CHE-018-010	BOX,CASS	a	b
		O	MC1028	8C-CHE-017-010	BOX,CD	a	b
		O	MC1029	8B-CH4-211-010	SPR-T,CD	a	b
		O	MC1030	8B-CH4-223-010	BASE,CHUCK N	a	b
		O	MC1031	86-CT9-222-010	PLATE,MAGNET	a	b
		O	MC1032	8C-CHE-220-010	MAGNET,CD F/M	.	b
		O	MC1033	86-CD4-225-010	HLDR,CHUCK A	a	b
					CSD - FD77 CSTC	CSD - FD79 USTC	
		O	MC1034	8C-CHE-020-010	HANDL,ARM	a	b
		O	MC1035	8C-CHE-021-010	HANDL,GRIP	a	b
		O	MC1036	8B-CH4-042-010	PLATE,AC	.	b
		O	MC1037	8C-CHE-019-010	LID,BATT	a	b
		O	MC1038	8C-CHE-015-010	CABI,REAR U	a	b
		O	MC1039	87-A92-151-010	ANT,ROD 5SEC709	a	b
		O	MC1040	87-A92-285-010	COVER,AC SOCKET COVER PSU27-MC	a	b
		O	MC1041	8A-CDB-220-010	HLDR,M66 BAR ANT	a	b
		O	MC1042	8A-CH4-670-010	BAR-ANT,MW 2B-ACH(COI)	a	b
		O	MC1043	8B-CH4-221-010	SPR-C,BATT(-)	a	b
		O	MC1044	8C-CHE-030-010	PLATE,BOX CASS	.	b
		O	MC1045	8B-CH4-205-010	HLDR,PT	a	b
		X	MC1046	8C-CHE-205-010	PLATE,SPKR CEN	a	b
		O	MC1047	88-CH6-019-010	PANEL,CD	a	b
		X	MC1048	8A-CH4-603-010	HT-SINK,MAIN 2.5W	a	b
		O	MC1049	8C-CHE-634-010	SPKR,100MM 70HM 2.5W CCH-E	a	b
		O	MC1050	8C-CHE-029-010	LENS,LED	a	b
		O	MC1051	86-NF9-224-010	SPR-C,LOCK	a	b
		O	MC1052	87-NF4-217-110	HLDR,LOCK 2	a	b
		O	MC1053	8C-CHE-212-010	HLDR,DAMP GEAR F/M	a	b
					CSD - FD77 CSTC	CSD - FD79 USTC	
		O	MC1054	8C-CHE-213-010	GEAR,OIL DAMP F/M	a	b
		X	MC1055	8C-CH4-621-010	PWB,TU SYNTH 4M	a	b
		X	MC1056	8C-CHE-611-010	PWB,FR 2M	a	b
		X	MC1057	8C-CHE-617-010	PWB,COVER 2.5W CCH-E	a	b
		X	MC1058	8C-CHE-618-010	PWB,TWTR 2.5W CCH-E	a	b
		X	MC1059	8C-CHE-616-010	PWB,BATT 2.5W CCH-E	a	b
		X	MC1060	8C-CHE-614-010	PWB,MAIN 2.5W CCH-E	a	b
		O	MC1061	88-CH6-220-110	CUSHION,CD A	a	b
	!	O	MC1062	8B-CTA-613-010	PT,U EI-48	a	.
	!	O	MC1062	8C-CHE-645-010	PT,U CCH-E2.5W	.	b
	!	O	MC1063	87-A61-453-010	JACK,AC U PSU27-N	a	b
		X	MC1064	8C-CHE-010-010	PLATE,SPEC FD 79 U	.	b
		X	MC1065	8C-CHE-640-010	PWB,P.T. 2.5W CCH-E	a	b
		X	MC1066	8A-CH4-602-010	HT-SINK,REG	a	b
		O	MC1A	87-254-097-410	U+3-12 CR	a	b
		O	MC1B	87-B10-366-010	UT2+2.6-10 W/O	a	b
		O	MC1C	87-765-095-410	VFT2+3-8 W/O SLOT NI	a	b
		O	MC1D	87-B10-365-010	UT2+3-10 W/O CR	a	b
		O	MC1E	87-B10-242-010	UT2+3-30 W/O CR	a	b
		O	MC1F	8A-CK4-223-010	S-SCREW,CD	a	b

MECHANICAL PARTS LIST - 2/2

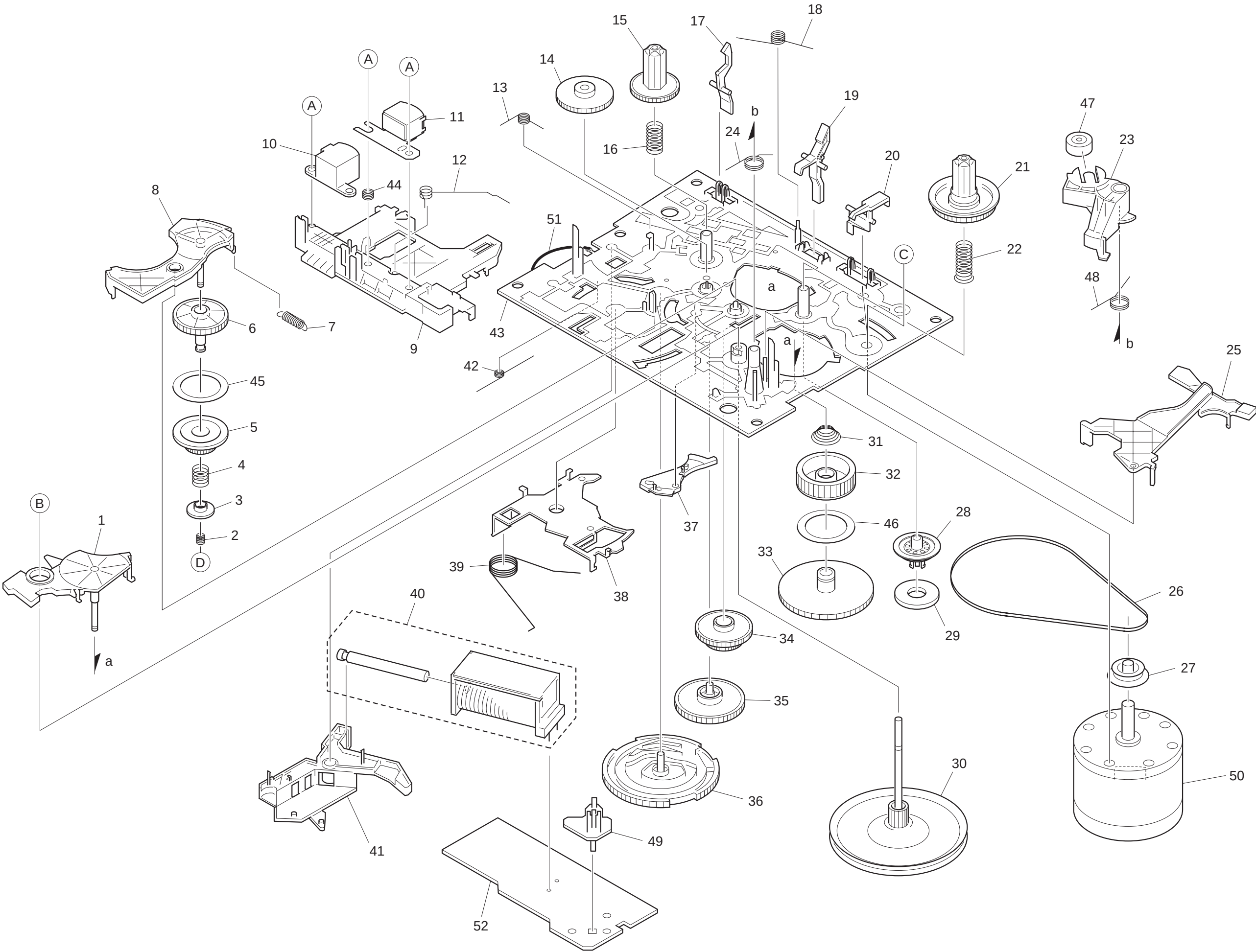
! = SAFETY PARTS
C = Components marked

All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
					CSD-FD77 CSTC	CSD-FD79 USTC
	0	MC1G	87-081-512-010	VTT+3-8	a	b
	0	MC1H	87-B10-164-010	QT2+3-8 W/O SLOT	a	b
	0	MC1I	87-B10-239-010	QT2+3-8 W/O CR	a	b
	0	MC1J	87-B10-269-010	UT2+3-12 W/O CR	a	b
	0	MC1K	87-067-828-01	VFT2+3-15 DIA10	a	b
	0	MC1L	87-751-095-410	VT2+3-8 W/O SLOT	a	b
	0	MC1M	87-067-758-010	BVT2+3-12 W/O SLOT	a	b

COLOR NAME TABLE - 1/1

Basic color symbol	Color	Basic color symbol	Color	Basic color symbol	Color
B	Black	C	Cream	D	Orange
G	Green	H	Gray	L	Blue
LT	Transparent Blue	N	Gold	P	Pink
R	Red	S	Silver	ST	Titan Silver
T	Brown	V	Violet	W	White
WT	Transparent White	Y	Yellow	YT	Transparent Yellow
LM	Metallic Blue	LL	Light Blue	GT	Transparent Green
LD	Dark Blue	DT	Transparent Orange	GM	Metallic Green
YM	Metallic Yellow	DM	Metallic Orange	PT	Transparent Pink
LA	Aqua Blue	GL	Light Green	HT	Transparent Gray
HM	Metallic Gray	NH	Champagne Gold	M	Wood Pattern



MECHANISM PARTS LIST - 1/1 (AZM-6 YR3NC)

! = SAFETY PARTS

C = Components marked

All components used on this model at the production line are shown in this service manual.

However, please note that not all components will be available as spare parts for after-sales service.

Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.

Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					AZM-6 YR3NC
	0	ST1001	8Z-ZM3-216-310	LEVER, T-UP M3	a
	0	ST1002	8Z-ZM1-257-210	SPR-C, F/R	a
	0	ST1003	8Z-ZM1-236-010	CLR, SLIP FF/REW	a
	0	ST1004	8Z-ZM3-261-010	SPR-C, FR M3 C	a
	0	ST1005	8Z-ZM3-250-010	GEAR, SLIP F/R A M3	a
	0	ST1006	8Z-ZM1-238-110	GEAR, SLIP FF/REW B 2	a
	0	ST1007	8Z-ZM3-263-010	SPR-E, FR C	a
	0	ST1008	8Z-ZM3-220-110	LEVER, FR M3	a
	0	ST1009	8Z-ZM3-205-110	LEVER, PLAY M3	a
	0	ST1010	87-A90-404-110	HEAD, EH LE15B	a
	0	ST1011	87-A92-373-010	HEAD, PH T21VLC	a
	0	ST1012	8Z-ZM3-262-010	SPR-T, BRG M3 C	a
	0	ST1013	8Z-ZM3-236-310	SPR-T, PLAY M3	a
	0	ST1014	8Z-ZM3-251-010	GEAR, IDL REW M3	a
	0	ST1015	8Z-ZM1-226-010	GEAR, REEL L	a
	0	ST1016	8Z-ZM3-222-210	SPR-C, REEL L M3	a
	0	ST1017	82-ZM1-240-110	LVR, REC	a
	0	ST1018	8Z-ZM3-234-310	SPR-T, LVR CAS	a
	0	ST1019	8Z-ZM3-221-210	LEVER, CAS	a
	0	ST1020	8A-ZM6-207-010	LEVER, STOP	a
					AZM-6 YR3NC
	0	ST1021	8Z-ZM1-225-110	GEAR, REEL R	a
	0	ST1022	8Z-ZM3-223-310	SPR-C, REEL R M3	a
	0	ST1023	8Z-ZM3-215-110	LEVER, PINCH M3	a
	0	ST1024	8Z-ZM3-264-010	SPR-T, T-UP M3 C	a
	0	ST1025	8A-ZM6-204-010	LEVER, EJECT	a
	0	ST1026	8Z-ZM3-227-210	BELT, MAIN M3	a
	0	ST1027	8Z-ZM1-271-010	PULLEY, MOT ZZM-1	a
	0	ST1028	8A-ZM6-206-010	CLR, MG	a
	0	ST1029	82-ZM3-616-010	RING MAGNET 4	a
	0	ST1030	8Z-ZM3-256-010	FLY-WHL ASSY, M3 R	a
	0	ST1030a	8Z-ZM2-211-310	FLY-WHL, ZZM-2	a
	0	ST1030b	8Z-ZM3-242-110	SHAFT, CAP M3	a
	0	ST1031	8Z-ZM1-251-310	SPR-C, T-UP SLIP	a
	0	ST1032	8Z-ZM1-227-010	GEAR, SLIP T-UP A	a
	0	ST1033	8Z-ZM1-228-010	GEAR, SLIP T-UP B	a
	0	ST1034	8Z-ZM1-232-010	GEAR, IDL FF/REW	a
	0	ST1035	8Z-ZM3-229-010	GEAR, IDL M3	a
	0	ST1036	8Z-ZM3-219-310	GEAR, CAM M3	a
	0	ST1037	8Z-ZM3-209-010	LEVER, CAM FR	a
	0	ST1038	8Z-ZM3-243-110	LEVER ASSY, HD UP	a
					AZM-6 YR3NC
	X	ST1038a	8Z-ZM3-207-010	LEVER, HD UP	a
	X	ST1038b	8Z-ZM3-241-110	SHAFT, HD UP	a
	0	ST1039	8Z-ZM3-238-110	SPR-T, HD UP	a
	0	ST1040	82-ZM3-628-010	SOL ASSY, 23 SO	a
	X	ST1040a	82-ZM3-629-010	HLDR, BOBBIN SOL SO	a
	X	ST1040b	82-ZM3-630-010	YOKE, SOL SO	a
	X	ST1040c	82-ZM3-631-010	SHAFT, CORE SOL SO	a
	X	ST1040d	82-ZM3-632-010	SHAFT, PLUNGER SOL SO	a
	X	ST1040e	82-ZM3-633-010	TERMINAL, SOL SO	a
	X	ST1040f	87-450-411-010	TERMINAL, LB 1	a
	0	ST1041	8Z-ZM3-206-010	LEVER, TRIG	a
	0	ST1042	8Z-ZM3-231-310	SPR-T, TRIG	a
	0	ST1043	8A-ZM6-201-210	CHAS ASSY, M6	a
	X	ST1043a	8Z-ZM1-268-010	BRG, METAL	a
	X	ST1043b	8A-ZM6-202-210	CHAS ASSY, OUT-SERT M6	a
	X	ST1043c	8A-ZM6-203-010	CHAS, M6	a
	0	ST1044	84-ZM2-227-310	SPR-C, AZIMUTH	a
	0	ST1045	8Z-ZM1-269-010	FELT, FF/REW 2	a
	0	ST1046	8Z-ZM1-265-010	FELT, T-UP	a
	0	ST1047	8Z-ZM1-261-110	ROLLER ASSY, PINCH	a
					AZM-6 YR3NC
	X	ST1047a	8Z-ZM1-262-010	CLR, ROLLER	a
	X	ST1047b	8Z-ZM1-263-010	ROLLER, PINCH	a
	0	ST1048	8Z-ZM3-252-010	SPR-T, PINCH 2	a
	0	ST1049	8A-ZM6-205-010	HLDR, IC	a
	0	ST1050	87-A92-349-010	MOT, SHE2L60	a
	X	ST1051	89-936-120-110	WIRE, UB6-12-3	a
	X	ST1052	8A-ZM6-602-010	PWB, MAIN M6	a
	0	ST1A	84-ZM2-252-010	S-SCREW, AZI-2-6.4 C	a
	0	ST1B	8Z-ZM3-245-110	V+2.6 ZZM-3	a
	0	ST1C	87-B10-301-010	W-L, 1.63-3.2-0.5 SLIT	a
	0	ST1D	8Z-ZM1-275-010	W-L, 1.47-4-0.25	a

OTHERS PARTS LIST - 1/2 (CSD-FD89) - 1/1

! = SAFETY PARTS
C = Components marked

All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL	
					CSD-FD77 CSTC	CSD-FD79 USTC
	X		84-711-909-010	LBL DATE CODE	a	b
	X		87-B40-282-010	LBL,BAR-CODE AU 35X8	a	b
	X		87-B40-154-010	LBL,BAR-CODE CU	a	b
	X		8A-CH2-072-010	LBL,CAUTION CASS.EX	a	b
	X		8C-CHE-851-010	CUSHION,ASSY CCHE	a	b
	X		87-B40-085-010	BAG,PV 0.04-200-350 PL	a	b
	X		8C-CH4-045-010	LBL,SPEC FD77 C	a	.
	X		8C-CH4-852-010	CTN,OUTER CSTC	a	.
	X		8C-CH4-851-010	CTN,PRINTED CSTC	a	.
	X		87-B50-098-010	WARR-CARD,C(E) POR-0104	a	.
	X		87-B50-099-010	WARR-CARD,C(F) POR-0104	a	.
	X		8C-CH4-970-010	LBL,POP U	a	.
	X		8C-CHE-209-010	SH,CLOTH 30-10-0.35 W/ADH	.	b
	X		8C-CHE-208-010	SH,CLOTH 60-10-0.35 W/ADH	.	b
	X		8C-CHE-865-010	CTN,OUTER 79USTC	.	b
	X		8C-CHE-864-010	CTN,PRINTED 79USTC	.	b
	X		87-B50-054-010	WARR-CARD,USA CUST/PORTABLE	.	b
	X		8C-CHE-974-110	LBL,POP FD79U	.	b

OTHERS PARTS LIST - 2/2 (AZM-6 YR3NC) - 1/1

! = ⚠ SAFETY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

UNIT-NAME	! C	REF-NO	PARTS-NO	PARTS-NAME	SUFFIX&MODEL
					AZM-6
					YR3NC
	X		8A-ZM6-852-010	CUSHION,BOTTOM C	a
	X		82-ZM1-596-010	BAG,PV 0.04-190-240	a
	X		8A-ZM6-851-010	CTN,OUTER YR1NC	a
	X		8A-ZM6-853-010	CUSHION,TOP C	a

